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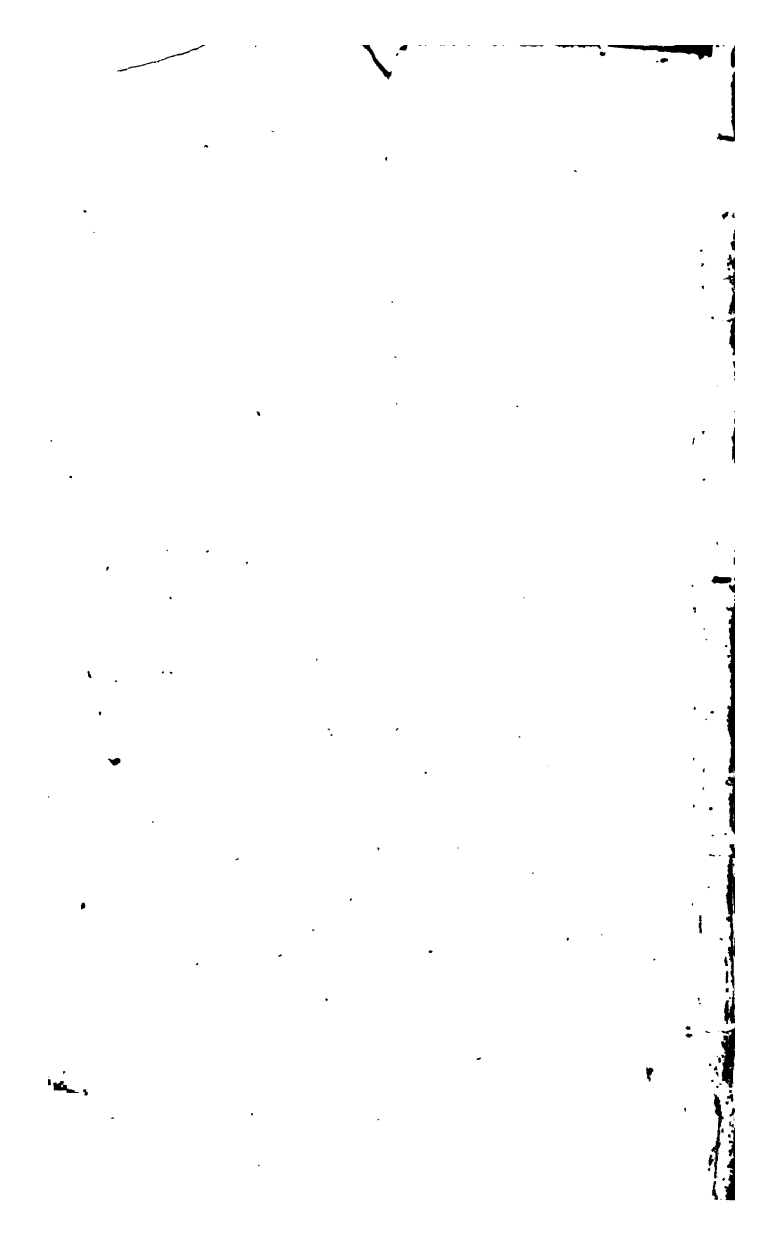








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REMARKABLE  
News from the STARS:  
OR, AN  
EPHEMERIS  
1104 For 1768.

WITH  
*Observations upon the ECLIPSES  
Solar Ingresses, and Configurations of the  
HEAVENS happening therein.*

Being the BISSEXTILE, or LEAP-YEAR.  
And from the *Creation* of the WORLD  
According to the Best of History, 5718 Years.

WHEREIN  
You have an ACCOUNT of many Things  
concerning the *Heavenly Bodies*, and their  
*Portents*, in the same YEAR. With  
some other very *Considerable Masters*.

By WILLIAM ANDREWS, Student  
in *ASTROLOGY*.

*A DEO pendent Omnia.*

LONDON: Printed for the COMPANY  
of STATIONERS. 1768.

Price [Stitch'd] Nine Pence.

**A TABLE of the Moon's-Age for every Day throughout this Year 1768. Whereby, with the Help of the ensuing Tide-Table, the Time of High-Water and Full-Tide may be found in those Places there inserted.**

D.	Jan	Feb.	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct.	No	Dec.
1	11	13	12	14	F.	15	17	18	20	20	22	22
2	12	F.	13	F.	16	17	18	19	21	21	23	23
3	13	15	F.	16	17	18	19	20	22	22	24	24
4	F	16	15	17	18	19	20	21	23	23	25	25
5	15	17	16	18	19	20	21	22	24	24	26	26
6	16	18	17	19	20	21	22	23	25	25	27	27
7	17	19	18	20	21	22	23	24	26	26	28	28
8	18	20	19	21	22	23	24	25	27	27	29	29
9	19	21	20	22	23	24	25	26	28	28	N	N
10	20	22	21	23	24	25	26	27	29	N	1	1
11	21	23	22	24	25	26	27	28	N	1	2	2
12	22	24	23	25	26	27	28	N	1	2	3	3
13	23	25	24	26	27	28	29	1	2	3	4	4
14	24	26	25	27	28	N	N	2	3	4	5	5
15	25	27	26	28	29	1	1	3	4	5	6	6
16	26	28	27	N	N	2	2	4	5	6	7	7
17	27	29	28	1	1	3	3	5	6	7	8	8
18	28	N	N	2	2	4	4	6	7	8	9	9
19	N	1	1	3	3	5	5	7	8	9	10	10
20	1	2	2	4	4	6	6	8	9	10	11	11
21	2	3	3	5	5	7	7	9	10	11	12	12
22	3	4	4	6	6	8	8	10	11	12	13	13
23	4	5	5	7	7	9	9	11	12	13	14	14
24	5	6	6	8	8	10	10	12	13	14	F.	F.
25	6	7	7	9	9	11	11	13	14	F.	16	16
26	7	8	8	10	10	12	12	14	F.	16	17	17
27	8	9	9	11	11	13	13	15	16	17	18	18
28	9	10	10	12	12	14	14	F.	17	18	19	19
29	10	11	11	13	13	15	F.	17	18	19	20	20
30	11	12	12	14	14	F.	16	18	19	20	21	21
31	12	13	13	—	F.	—	17	19	—	21	—	22

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ASTOR, LENOX AND  
TILDEN FOUNDATIONS.  
1909.

READER,

**T**HE Use of the Table of the Moon's-Age, and the Two ensuing Tide-Tables, is to find the Time of High-Water or Full-Tide, in any of those Places inserted in the said Tide-Tables.

The Table of the Moon's Age is easily understood; for find the Month desired in the Head of the Table, and the Day of the Month in the first Column under the Letter D, and in the common Meeting of the Lines you will have the Moon's Age.

Having found the Moon's Age, as above, have recourse to the Two ensuing Tide-Tables, and look for the Place desired in the Head of the said Tables, with the Age of the Moon, in the first Column towards the Left-hand, and in the Angle of Meeting, is the Time of High-Water in Hours and Minutes.

Note, The Tides do not fall out always exactly at the Time found in these Tables, by reason of the Difference of the Moon's Latitude; High-Winds, Land-Floods, and the like, which very often alter the Time; but this is the common Rule given.

# The First Part of the Tide-TABLE

D.	The Moon's Age		Queensborow, Southampton, Portsmouth, 1 of Wight, D. n. Kirk, Beachy, Kentish Knock.		Gravelind, Downs, Rumney, Blackheath, Silly ball Tide, Tenst Rarkius, Seny-head.		London, Tinnmouth, Harlepool, Amsterdam, Whitby, Britain, Galceogn, Galicia		Newcastle, Humber, Falmouth, Dartmouth, Guernsey, Lizard, Torbay, Foy, St. Mallos		Plymouth, Weymouth, Hull, Lyn, Antwerp, St. Davids, Holmes of Bristol, Lindy.		Bristol, Poulneis, at the Salt		Yarmouth, Dover, Harwich, Calice Road, St John de Luca, Bulhorn in the Frith	
	H.	M.	H.	M.	H.	M.	H.	M.	H.	M.	H.	M.	H.	M.	H.	M.
1	12	48	2	18	3	48	6	3	6	4	7	33	1	18		
2	1	36	3	6	4	36	6	5	7	30	8	2	12	6		
3	2	24	3	54	5	24	7	39	8	24	9	9	2	54		
4	3	12	4	42	6	12	8	27	9	12	9	57	1	42		
5	4	00	5	30	7	00	9	15	10	00	10	45	2	30		
6	4	48	6	18	7	48	10	3	10	48	11	33	3	18		
7	5	36	7	6	8	36	10	5	11	36	12	21	4	6		
8	6	24	7	54	9	24	11	39	12	24	1	9	4	54		
9	7	12	8	42	10	12	12	27	1	12	1	57	5	42		
10	8	00	9	30	11	00	1	15	2	00	2	45	6	30		
11	8	48	10	18	11	48	2	3	3	48	3	33	7	18		
12	9	36	11	6	12	36	1	5	3	36	4	21	8	6		
13	10	24	11	54	1	24	3	39	4	24	5	9	8	54		
14	11	12	12	42	2	12	4	27	5	12	5	57	9	42		
15	12	00	1	30	3	00	5	15	6	00	6	4	10	30		
16	12	48	2	18	3	48	6	3	6	48	7	33	11	18		
17	1	36	3	6	4	36	6	5	7	36	8	21	12	6		
18	2	24	3	54	5	24	7	39	8	24	9	9	12	54		
19	3	12	4	42	6	12	8	27	9	12	9	57	1	42		
20	4	00	5	30	7	00	9	15	10	00	10	45	2	30		
21	4	48	6	18	7	48	10	3	10	48	11	33	3	18		
22	5	36	7	6	8	36	10	5	11	36	12	21	4	6		
23	6	24	7	54	9	24	11	39	12	24	1	9	4	54		
24	7	12	8	42	10	12	12	27	1	12	1	57	5	42		
25	8	00	9	30	11	00	1	15	2	00	2	45	6	30		
26	8	48	10	18	11	48	2	3	2	48	3	33	7	18		
27	9	36	11	6	12	36	2	5	3	36	4	21	8	6		
28	10	24	11	54	1	24	3	39	4	24	5	9	8	54		
29	11	12	12	42	2	12	4	27	5	12	5	57	9	42		
30	12	0	1	30	3	00	5	15	6	00	5	45	10	30		

# The Latter Part of the Tide-TABLE.

The Moon's Age.			Rye, Winchelsea, Oreend, Thanet, Margate, Folkestone.			Needles, Orford, Laybourn, South and North Forlands.			Dartmouth, St. Andrews, Looe, St. Lucia, Bell-Ile, Mo. Ile.			Milford, Bridgewater, Tereel, Waterford, Land-end, Cape Clear, Aberrymore, Exeter.			Hartwick, Oreend, Flushing, Breda, Flushing, Foulness.			Portland, Peter-port, Hague, D. ble, Harfleur, Lanaboy, St. Margat, Sound, Macartia.			Rochester, Malden, Abbeeden, West-end of the Nore, Black-		
D.	H.	M.	H.	M.	H.	M.	H.	M.	H.	M.	H.	M.	H.	M.	H.	M.	H.	M.	H.	M.	H.	M.	
1	12	3	10	33	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
2	12	5	11	21	3	5	9	6	5	2	9	5	2	9	5	2	9	5	2	9	5	2	
3	1	3	12	9	4	3	9	5	4	3	9	5	4	3	9	5	4	3	9	5	4	3	
4	2	2	12	5	5	2	10	4	3	10	4	3	10	4	3	10	4	3	10	4	3	10	
5	3	1	1	4	6	1	11	3	2	11	3	2	11	3	2	11	3	2	11	3	2	11	
6	4	3	2	3	7	2	12	4	3	12	4	3	12	4	3	12	4	3	12	4	3	12	
7	4	5	3	2	7	3	1	5	4	1	5	4	1	5	4	1	5	4	1	5	4	1	
8	5	3	4	1	9	3	2	9	4	2	9	4	2	9	4	2	9	4	2	9	4	2	
9	6	2	4	5	7	2	2	2	3	2	2	3	2	2	3	2	2	3	2	2	3	2	
10	7	1	5	5	10	1	3	3	2	3	3	2	3	3	2	3	3	2	3	3	2	3	
11	8	3	6	3	11	3	4	4	3	4	3	4	3	4	3	4	3	4	3	4	3	4	
12	8	5	7	2	11	4	5	6	5	6	5	6	5	6	5	6	5	6	5	6	5	6	
13	9	3	8	9	12	5	6	7	6	7	6	7	6	7	6	7	6	7	6	7	6	7	
14	10	2	8	1	1	6	7	8	7	8	7	8	7	8	7	8	7	8	7	8	7	8	
15	11	1	9	2	2	7	8	9	8	9	8	9	8	9	8	9	8	9	8	9	8	9	
16	12	3	10	3	3	8	9	10	9	10	9	10	9	10	9	10	9	10	9	10	9	10	
17	12	5	11	4	4	9	10	11	10	11	10	11	10	11	10	11	10	11	10	11	10	11	
18	1	3	12	5	5	10	11	12	11	12	11	12	11	12	11	12	11	12	11	12	11	12	
19	2	2	1	6	6	11	12	1	12	1	12	1	12	1	12	1	12	1	12	1	12	1	
20	3	1	1	7	7	12	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	
21	4	3	2	8	8	1	2	3	2	2	3	2	2	3	2	2	3	2	2	3	2	2	
22	4	5	3	9	9	2	3	4	3	3	4	3	3	4	3	3	4	3	3	4	3	3	
23	5	3	4	10	10	3	4	5	4	4	5	4	4	5	4	4	5	4	4	5	4	4	
24	6	2	4	11	11	4	5	6	5	5	6	5	5	6	5	5	6	5	5	6	5	5	
25	7	1	5	12	12	5	6	7	6	6	7	6	6	7	6	6	7	6	6	7	6	6	
26	8	3	6	1	1	6	7	8	7	7	8	7	7	8	7	7	8	7	7	8	7	7	
27	8	5	7	2	2	7	8	9	8	8	9	8	8	9	8	8	9	8	8	9	8	8	
28	9	3	8	3	3	8	9	10	9	9	10	9	9	10	9	9	10	9	9	10	9	9	
29	10	2	8	4	4	9	10	11	10	10	11	10	10	11	10	10	11	10	10	11	10	10	
30	11	1	9	5	5	10	11	12	11	11	12	11	11	12	11	11	12	11	11	12	11	11	

### To find the Time of the Moon's Rising and Setting.

**L**OOK in the 4th Column on the Left-hand Page in every Month, where you have the true Hour and Minute of her Rising from Full to Change, and her Setting from Change to Full; very plainly demonstrated, M. signifying Morning, and A. Afternoon.

### To find the Time of the Moon's coming to the South.

**T**HIS is set down for every Day in the Year on the 5th Column on the Left-hand Page in every Month; and note this, The *Moon*, *Planets*, or any *Fixed Star* is said to be *South* when they appear to be in the same Quarter of the Heavens that the *Sun* is in every Day at Noon, for the *Sun* is then full *South*, or on the *Meridian*.

### To find the Time of the Sun's Rising and Setting.

**T**HIS, with the Increase and Decrease of Days, and the Time of Day-break, and Continuation of Evening, and other Useful Observations, are all contained in the 6th and last Column on the Left-hand Pages for certain Days of the Month, and if against the Day proposed, you find not your Desire, then make Proportion, and the Truth will appear.



# Terms, and their Returns, for 1768.

Hilary-Term Begins *Jan. 23.* Ends *Feb. 12.*

Returns or Essoign-days.	Exc.	Ret.	Ap.	W. da.
In eight days of <i>St. Hilary.</i> <i>Jan. 20</i>	21	22	23	Saturd.
From the day of <i>St. Hilary</i> in 15 days, <i>27</i>	28	29	30	Saturd.
On the mor. of Purif. of blest <i>Mary Feb. 3</i>	4	5	6	Saturd.
In 8 days of Purif. of blest <i>Mary.</i> <i>9</i>	10	11	12	Friday

Easter-Term Begins *April 20.* Ends *May 16.*

From the day of Easter in 15 days, <i>April 17</i>	18	19	20	Wedn
From the day of Easter in 3 weeks, <i>24</i>	25	26	27	Wedn
From the day of Easter in 1 month, <i>May 1</i>	2	3	4	Wedn.
From the day of Easter in 5 weeks, <i>8</i>	9	10	11	Wedn.
On the morrow of the Ascension, <i>13</i>	14	15	16	Mond

Trinity-Term Begins *June 3.* Ends *July 22.*

On the morrow of the holy Trinity, <i>May 30</i>	31	1	2	Friday
In eight days of the holy Trinity, <i>5</i>	6	7	8	Wedn
From the day of the holy Trin. in 15 days, <i>12</i>	13	14	15	Wedn.
From the day of holy Tr. in 3 weeks, <i>19</i>	20	21	22	Wedn.

Michaelmas-Term Begins *Nov. 6.* Ends *Nov. 28.*

On the morrow of All Souls, <i>Nov. 3</i>	4	5	7	Mond.
On the morrow of <i>St. Martin,</i> <i>12</i>	13	14	15	Tuesd.
In eight days of <i>St. Martin,</i> <i>18</i>	19	20	21	Mond.
From the day of <i>St. Martin</i> in 15 days, <i>25</i>	26	27	28	Mond.

N.B. No Sittings in *Westminster-Hall* on Ascension-day, Midsummer-day, and 2d of *February.*

The *Exchequer* opens eight Days before any Term, except Trinity, before which it opens but four Days.

Note, That the first and last Days of every Term, are the first and last Days of Appearance.

## Common Notes and Moveable Feasts, 1768.

Golden Number	2	Rogation-Sunday	<i>May 8</i>
Epact	11	Ascension-Day	<i>May 12</i>
Dominical Letters	C B	White-Sunday	<i>May 22</i>
Cycle of the Sun	13	Trinity-Sunday	<i>May 29</i>
Shrove-Sunday	<i>Feb. 14</i>	Advent-Sunday	<i>Nov. 27</i>
Easter-Sunday	<i>April 3</i>		

# January hath xxxi Days.

Full Moon, the 4th day, at 5 morn.

Last Quarter, 18th, 5 morn.

New Moon, 19th, 6 night

First Quarter, 26th, at noon

M	w	Festival Days	Y	rises	Moon's	Sun-rising & setting
D.	D.	and Weather.	and sets	South.	Increase of Days, &c.	
1	a	Circumcision	5	39	9 54	* b 8
2	b	The Weather	6	3	10 54	Sun rises 9 m aft 8
3	c	2 S. aft. Chris.	7	48	11 51	Sun sets 5 m aft. 3
4	d	is moderate	D	rises	Morn.	Moon Eclipsed Inv.
5	e	Old Christ D	5	27	0 44	Day incr. 12 min.
6	f	Epiphany	6	45	1 33	Day 7h. 54m. long
7	g	considering	7	57	2 20	Sun rises 8m. aft. 8
8	a	the Season.	9	8	3 0	Lucian. 8 h 9
9	b	Cold Morn.	10	18	3 4	Sun sets 5 m aft. 3
10	c	1 S. aft. Epip.	11	28	4 22	Ps. Eliz. Born 1740
11	d	ings, with	Morn.	5	22	Plough-Monday
12	e	Rain or Snow	0	38	5 42	Old New-Year's Day
13	f	Cam. Term B.	Hillary	6	25	Day increas'd 24 m.
14	g	Oxf. Term B.	2	59	7 11	Day 8h. 14m. long
15	a	Healthf. Air.	4	9	8 0	Sun rises 1 m aft 8
16	b	Dark cloudy	5	15	8 54	Sun sets 0 m. aft 4
17	c	2 S. aft. Epip.	6	13	9 50	Old Twelfth Day
18	d	Q. Ch. Birth-	7	5	10 46	
19	e	[Day kept.	D	sets	11 44	Sun Eclipsed Invis.
20	f	Weather, for	5	21	0 40	Day increas'd 42m.
21	g	Snow, or	6	46	1 33	Δ ⊙ δ
22	a	cold Rain.	8	10	2 25	Sun rises 53m. aft 7
23	b	Term B. gins	9	41	3 14	Sun sets 13 m. aft. 3
24	c	3 S. aft. Epip.	11	11	4 3	
25	d	St. Paul Con.	Morn	4	56	
26	e	Moderate.	0	38	5 48	Δ h 3
27	f	Changeable	2	0	6 41	
28	g	Air, Winter-	3	18	7 37	Sun rises 43 m aft. 7
29	a	like Weather	4	27	8 33	Sun sets 19 m. aft. 4
30	b	K. Ch. I. Mart	5	30	9 31	
31	c	Septuag. Sun.	6	16	10 24	

# Andrews. January, 1768.

Old style	New style	{	12th day, at 5 morn	Jupiter	}	is with
			16th, 2 morn.	Venus		
			16th, 6 morn.	Mars		
			18th, 8 morn.	Mercury		
			30th, 8 morn.	Saturn		

Day	Moon's Signs.	H. Wat. Lon. Br.	Observations.
21	arms	Morn	<i>At the Desire of several friends and Acquaintance, I have again Publish'd these Choice Rules and Aphorisms, fit to be consulted by those who practise the Genethliacal Part of Astrology.</i>
22	shold.	0	
23	C breast	1	
24	4 stomach	2	
25	5 heart	3	
26	6 and	3 33	<b>O</b> f all the Parts in Astrology, the Genethliacal is the chief, wherein is consulted the whole Progress of a Man (who is the Lord of all Creatures) from his Birth to his Burial; and by that alone we are enabled to discover the Times of his happy, and inauspicious Fortunes.
27	7 back	4	
28	8 bowels	4 30	
29	9 belly	5 3	
30	C reins	5 37	
1	11 and	6 1	2. Those that are Born under such a Position wherein Saturn beareth the chiefest Rule, or, if he be in the Ascendant, are Melancholy, Envious yet Timorous Persons; if Mars or Mercury be in Conjunction or Opposition of him, they turn Enthusiasts or Mad-men.
2	12 loins	6 55	
3	13 secret	7 44	
4	14 memb.	8 43	
5	15 hips	9 48	
6	16 and	10 58	3. Men Born under the Government of Jupiter, are generally Noble-minded, aiming to do Good to others, thinking no ill. But if either of the Luminaries be in Quartile or Opposition of Jupiter, or Saturn, and Mars in the Ascendant, or in Opposition thereunto, the Person will be Villainously minded, Ruff, Headstrong and Rebellious, Treacherous to all, a Friend to none but from the Teeth outward.
7	18 knees	0 A 9	
8	19 hams	1 8	
9	20 legs	2 10	
10	21 ankles	2 5	
11	22 feet	3 30	4. If under Mars, and he essentially powerful, the Person is full of Courage
12	23 toes	4 48	
13	C head	5 18	
14	24 face	6 7	
15	26 neck	7 2	
16	27 throat	8 4	
17	28 arms	9 16	
18	29 should.	10 31	
19	30 breast	11 46	
20	C and	Morn	

# February hath xxix Days.

Full Moon, the 2d day, at 9 night

Last Quarter, 11th, 1 mo n.

New Moon, 18th, 6 morn.

First Quarter, 24th, 9 night

M	W	Festival Days	D	rises	Moon's	Sun rising & setting
D.	D.	and Weather.	and sets	South.	Increase of Days, &c.	
1	d	The Air	6	48	11 A 5	
2	e	<b>Pur. B. V. M.</b>	rises	Morn.	<b>Candlemas-Day</b>	
3	f	is cold	5	29	0	3 Sun rises 34 m. aft. 7
4	g	and sharp.	6	45	0	49 Sun sets 31 m. aft. 4
5	a	Agatha	7	55	1	30 Syrius, or Dog star sets
6	b		9	4	2	10 at midnight
7	C	<b>Sexag. Sund.</b>	10	15	2	49 Day incr. 1 h. 26 m.
8	d	Frosty Wea-	11	25	3	30
9	e	ther now-	Morn.	4	13	Sun rises 19 m. aft. 7
10	f	about;	0	33	4	59 Sun sets 41 m. aft. 4
11	g		1	42	5	46 Day incr. 2h. 18 m.
12	a	<b>Term Ends</b>	2	50	6	37 Old Candlemas-Day
13	b	especially the	3	55	7	30 Day 9 h. 34 m. long
14	C	<b>Shrove-Sund.</b>	4	46	8	26 Valentine
15	d	Mornings.	5	33	9	14
16	e	<b>Shrove-Tues.</b>	6	4	10	20 Sun rises 11 m. aft. 7
17	f	<b>Ash-Wednesf.</b>	6	27	11	26 Sun sets 49 m. aft. 4
18	g	Rain or	sets	0	A 18	
19	a	Snow, and	7	12	1	8
20	b		8	47	1	53 Day br. at 5 Morn.
21	C	S. in Lent.	10	15	2	44 Day 10h. 13m. long
22	d	Wind.	11	44	3	40 Day incr. 2 h. 19 m
23	e		Morn.	4	37	1 wil. ends 7m. aft. 7
24	f	St. Matthias	1	5	5	38 Sun rises 58m. aft. 6
25	f	Pleasant	2	17	6	29 Sun sets 4 m. aft. 5
26	g	Ember-Week	3	23	7	24
27	a	Weather for	4	13	8	23 Day-br. 48m. aft. 4
28	B	S. in Lent	4	49	9	14 Day 10h. 40m. long
29	c	the Season.	5	13	10	2

# Andrews. February, 1768.

Old Style.	New Style.	The { 8th day, at 3 aftern. <i>Jupiter</i> 14th, 4 morn. <i>Mars</i> 4th, 11 night <i>Venus</i> 18th, 10 morn. <i>Mercury</i> 26th, at noon <i>Saturn</i> }		is with 7
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Age.	Day.	Moon's Signs.	H. Wat. Lon. Br.	Observations.
21	1	Stomach	0 44	Courage, proves a good Soldier, at tains to great Honour thereby. <i>Mars</i>
22	2	Heart	1 39	also maketh good Chirurgeons, Phy
23	3	Back	2 30	ficians, Apothecaries, &c.
24	4	Bowel	3 4	5. He that is Born under the Rule
25	5	and	3 31	of the <i>Sun</i> , and the <i>Sun</i> royally dig
26	6	Belly	3 55	nified, is altogether aiming at Sove
27	7	Ceins	4 21	reignty, Rule and Dominion, and
28	8	loins	4 53	( <i>quoad sapax</i> ) will be very famous
29	9	secrets	5 26	The same if any of the Three Fiery
30	10	and	6 8	Signs Horoscopize, and the <i>Sun</i> for
31	11	memb.	7 0	tified as afore said.
1	12	Hips	7 58	6. That Man which is Born under
2	13	Thighs	9 9	<i>Venus</i> , and She nobly fortified, is a
3	14	Knees	10 21	great Lover of Delights and Plea
4	15	Hams	11 34	tures, of an Upright Mind, nothing
5	16	Legs	0 42	Distrustful; but if she be ill-placed
6	17	Ancles	1 40	and in bad Aspect of <i>Saturn</i> , he fol
7	18	Feet	2 34	lows Sensuality & Beastial Pleasures;
8	19	Toes	3 41	if of <i>Mars</i> , he is subject to many
9	20	Head	3 43	notorious Scandals and Disgraces;
10	21	Face	4 17	seldom free from Venereal Diseases.
11	22	Neck	5 1	7. <i>Mercury</i> Lord of the Ascendant
12	23	Throat	5 48	in a Nativity well dignified, shew
13	24	Arms	6 44	the Person to be of a most admirable
14	25	Should.	7 49	Fancy and great Elocution, and
15	26	and	9 6	makes famous Orators; by being in
16	27	Breast	10 57	good Aspect of the <i>Moon</i> or <i>Venus</i> .
17	28	Stomach	11 22	or in Reception of <i>Saturn</i> or <i>Jupiter</i> .
18	29	Heart	Morn.	the best Mathematicians, excellent
				Divines or Philosophers and Astro
				logers, when in Reception or good
				Aspect of <i>Mars</i> .
				8. When

# March hath xxxi Days.

Full Moon, the 3d day, at 3 morn.  
 Last Quarter, 11th, 6 night  
 New Moon, 18th, 3 aftern.  
 First Quarter, 25th, 8 morn.

iv.	W	Festival Days	D	rise	Moon's	Sun rising & setting,
D.	D.	and Weather,	and sets,	South.	Increase of Days, &c.	
1	d	David	5	41	10 A 47	Day incr. 3 h. 9 m.
2	e	Ch d	5	56	11 29	Sun rises 49 m. aft. 6
3	t	Sharp Air,	5	rises	Morn.	Sun sets 13 m. aft. 5
4	g	with sleets.	6	50	0 10	Day 10 h. 3 m. long
5	a	Ps. of Hesse B.	8	0	0 50	
6	B	S. in Lent	9	17	1 29	Day incr. 3 h. 21 m.
7	c	More tem.	10	27	2 12	
8	d	perate.	11	37	2 59	Sun rises 33 m. aft. 6
9	e	Good Wea-	Morn.	3	15	Sun sets 30 m. aft. 5
10	f	ther for the	0	43	4 34	
11	g	Season,	1	46	5 24	Day 11 h. 24 m. long
12	a	Gregory	2	41	6 17	
13	B	Midlent-Sun.	3	32	7 14	Twilight ends 2 ho
14	c	Brisk Wirts,	4	6	8 10	after Sun-set
15	d	and fair, but	4	33	9 5	Sun rises 10 m. aft. 6
16	e	soon turns to	4	53	10 0	Sun sets 50 m. aft. 5
17	f	St. Patrick	5	10	10 52	Day incr. 4 h. 16 m.
18	g	Wind & Rain	5	27	11 45	Day 12 h. 0 m. long
19	a	Ps. Louis Bo.	5	sets	0 A 38	
20	B	S. in Lent	9	23	1 36	Equal Day & Night
21	c	Rough tem-	10	51	2 33	
22	d	perous	Morn.	3	32	
23	e	Weather.	0	17	4 3	Day 12 h. 16 m. long
24	f		1	2	5 29	Day incr. 4 h. 3 m.
25	g	Lady-Day	Duke of York	B.	Camb. Term Ends	
26	a	Coll. with	3	1	7 17	Oxford Term Ends
27	B	Palm-Sunday	3	31	8 6	
28	c	Cloudy Air.	3	55	8 51	Sun rises 50 m. a t. 5
29	d	Storms of	4	13	9 34	Sun sets 12 m. aft. 6
30	e	Hail & Rain	4	22	10 16	Day incr. 4 h. 50 m.
31	f		4	35	10 56	

# Andrews. March, 1768.

Old New	The	6th day, at 9 night	Jupiter	} is with 2
		14th, 2 morn.	Mars	
		15th 10 right	Venus	
		19th, 6 night	Mercury	
		24th, 7 night	Saturn	

Days	Moons Signs.	H. Wat Lon. Br	Observations.
19	1 back	1 M 12	8. When the Moon governs the Ho- roscope, and the well-placed, the Person is a great Lover of Novelty, subject to Mutation, of a gentle Na- ture and Disposition, Timorous, often delivous to Travel and see strange Countries: If she be in Aspect of Mercury, he will be apt to learn many Languages.
2	2 bowels	1 53	
21	3 and	2 30	
22	4 belly	2 45	
23	5 reins	3 0	
2	6 and	3 39	9. Mars strong in a Nativity, and Lord of the Seventh, and in no good Aspects of the Luminaries or Ascen- dant: The Person is subj-ct to Mis- fortunes in War, or in any thing of Controversy; for the Seventh House signifieth his Adversaries, and in this regard they will be too powerful for him to contend with
25	7 loi s	3 56	
26	8 secret	4 2	
27	9 memb	5 5	
28	10 hips	5 46	
1	11 thighs	6 34	10 All the Planets (or the most of thm) above the Earth betw Person. of what Capacity he wil, makes him eminent and famous beyond it; but if they shall be in their Dignities so placed, the Person (like a Comet) shall out-shine all others in that Part of the World where he shall be Born.
3	12 knees	7 35	
4	13 B and	8 46	
5	14 hams	10 2	
6	15 eggs	11 13	
7	16 ancles	0 A 20	11. The Misfortune afflicting the Luminaries, or the H-scope, by Body or Part, the Aspect declares him that is then Born to be of a very short and sickly Life.
8	17 feet	1 10	
9	18 toes	2 14	
10	19 head	2 51	
11	20 B face	3 32	
12	21 neck	4 8	12. The Sun in the Ascendant makes great Boasters and proud per- sons. Mars there, makes notorious Lycars, Inventors of Fables, great Con- trivers of Mischief, Perjured, Tur- bulent and Evil-minded Men.
13	22 throat	4 55	
14	23 arms	5 41	
15	24 shoud.	6 4	
16	25 breast	7 42	
17	26 stomach	8 50	
18	27 B heart	9 57	
19	28 and	10 5	
20	29 back	11 50	
21	30 bowels	Morn	
22	31 belly	0 36	

# April hath xxx Days.

Full Moon the 2d day, at 8 morn.

Last Quarter, 10th, 8 morn.

New Moon 16th, 11 night

First Quarter, 23d, 9 night

M	W	Festival Day	☉ rises	Moon	Sun rising & setting,
D	D	and Weather	and set	South	Increase of Days, &c.
1	g	Good-Friday	4 49	11 A 38	7 Stars set 11 night
2	a	Pleasant	☉ rises	Morn.	Sun rises 39m. aft. 5
3	B	Easter-Sund.	8 19	0 20	Sun sets 22 m. aft. 6
4	c	agreeable	9 28	1 5	Day incr. 5 ho. 15m
5	d	Old Lady-D.	10 37	1 30	
6	e	Weather,	11 40	2 37	
7	f	with fruit-	Morn	3 27	
8	g	ful Showers	0 41	4 19	Day 13h. 19m. long
9	a	of Rain,	1 29	5 12	Sun rises 26m. aft. 5
10	B	Low-Sunday	2 5	6 7	Sun sets 35m. aft. 6
11	c	near the	2 36	7 1	Twil. ends 56m. aft. 8
12	d	Full Moon.	2 57	7 53	
13	e	Camb. & Ox.	3 22	8 45	Day 13h. 30m. long
14	f	[Term B.	3 37	9 36	Day increas'd 6 ho.
15	g	Pleasant good	3 51	10 30	Day br. 6 m. after 3
16	a	Spring Weath.	☉ sets	11 26	
17	B	2 S. aft. East.	8 30	0 A 24	Sun rises 10 m. aft. 5
18	c		9 57	1 24	Sun sets 52 m. aft. 6
19	d	Fair and	11 14	2 25	Day incr. 6h. 12m.
20	e	Term Begins	Morn.	3 26	Day 14 hours long
21	f	dry Weather.	0 20	4 26	
22	g		1 6	5 21	
23	a	St. George	1 43	6 12	Sun rises 48m. aft. 4
24	B	3 S. aft. East.	2 8	6 59	Sun sets 14 m. aft. 7
25	c	St. Mark	2 28	7 45	Day br. 26 m. aft. 2
26	d		2 38	8 24	Day 14h. 27m. long
27	e	Serene and	2 53	9 4	Day incr. 7 h. 9 m.
28	f	cold Air.	3 4	9 44	Sun rises 51 m. aft. 3
29	g	Fair and	3 13	10 27	Sun sets 9 m. aft. 7
30	a	pleasant.	3 26	11 10	



# Andrews. April, 1768.

Old Style	New Style	The	2d day, at 8 night 11th, 11 night 14th, 7 night 15th, 1 aftern. 21st, 7 morn. 29th, 8 night	Jupiter Mars Venus Mercury Saturn Jupiter	is with )
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Days	Days	Moon's Signs.	H. Wat. Lon. Br	Observations.
21	1	reins	1 M 15	13. Eminent Fixed Star upon the
22	2	and	2 4	Angles of a Nativity, gives the Per-
23	3	bloins	2 42	son eminent Honour and Fame.
24	4	secret	3 14	14. <i>Mercury</i> in <i>Cazime Solis</i> , and
25	5	memb.	3 43	in his own Dignities, makes the Per-
26	6	hips	4 7	son not only a famous Orator, but an
27	7	and	4 51	excellent Counsellor, and for his
28	8	thighs	5 31	great Parts will be much esteemed.
29	9	knees	6 24	15. <i>Saturn</i> in the 10th House of a
30	10	hams	7 21	Nativity, destroys the Person's Ho-
31	11	legs.	8 31	nour and Fame, let it be ever so
1	12	ancles	9 40	great. If <i>Jupiter</i> be there under good
2	13	feet	10 47	Directions, he may preserve it (but
3	14	toes	11 52	with Difficulty) but in the End it will
4	15	head	0 A 30	be absolutely shipwrecked.
5	16	face	1 49	16. If <i>Saturn</i> in the Nativity of a
6	17	neck	2 45	King, or other less famous Person,
7	18	throat	3 26	shall be in Opposition to the <i>Medium</i>
8	19	arms	4 4	<i>Celi</i> , altho' the Geniture be other-
9	20	should.	4 50	ways Fortunate, yet the Person's End
10	21	breast	5 37	will be Inauspicious, and Cruel
11	22	and	6 32	17. All the Planets in a Nativity
12	23	stomach	7 28	Retrograde under the Earth, tho' the
13	24	heart	8 0	Person be of Illustrious Birth, denotes
14	25	back	9 28	him of a falling Fame or Fortune.
15	26	bowels	10 2	18. Cardinal Signs possessing the
16	27	belly	11 12	Angles of a Nativity, makes the Per-
17	28	reirs	Morn	son of any Condition or Capacity,
18	29	and	0 9	most Eminent and Famous in his Ge-
19	30	loins	0 45	neration, and to do such Acts that
				After-ages shall admire him.
				19. <i>Mars</i> in the 10th House, brings
				Scandal and Dishonour to the Person
				in many Things, whether he be de-
				serving of it or not.

# May hath xxxi Days.

Full Moon, the 1st day, at midnight

Last Quarter, 9th. 6 night

New Moon, 16th, 7 morn.

First Quarter, 23d, at noon

Full Moon, 31st, 3 aftern.

M. W.	Festival Days, and Weather.	Moon rises and sets		Moon's South.	Sun rising & setting, Increase of Days, &c.	
		D	M			
1	B 4 S. aft. East.	8	11	54	St. Philip and James	
2	c Wind at the	8	46	Morn.	7 Stars rise 33m past 4	
3	d Beginning,	9	44	0	43	Day 14h. 48m. long
4	e with Rain,	10	41	1	32	Day incr. 7h. 18m.
5	f Invert. ✕	11	39	2	2	
6	g Thunder, and	Morn	3	13		
7	a nasty Showers.	0	20	4	9	
8	B Rogat. Sund.	0	54	5	2	Sun rises 28m. aft 4
9	c	1	16	5	53	Sun sets 33 m. aft 7
10	d Pleasant	1	33	6	43	Day incr 7 h. 38m
11	e Season.	1	54	7	32	Day 15h. 28m. long
12	f Ascension-day	2	12	8	21	Old May-day
13	g Curious de.	2	24	9	13	Alt. sets 39m aft. 8
14	a lightful Wea-	2	42	10	8	
15	B 6 S. aft. East.	D sets	11	7		
16	c Term Ends	8	44	0	A 9	Sun rises 17m aft. 4
17	d ther, and in-	10	3	1	11	Sun sets 47 m. aft. 7
18	e termined	11	0	2	13	
19	f Ox. & C.T.E.	11	40	3	1	Q. Charl. Born 1744
20	g with prolific	Morn	4	5		will ends 54m. aft.
21	a Showers.	0	8	4	55	11 at night
22	B Whit-Sunday	0	34	5	42	
23	c	0	50	6	24	
24	d P. Fr. Will. Bo.	1	2	7	5	Day 15h 53m. long
25	e Ember Week.	1	15	7	45	Day incr. 8h. 20m
26	f Grateful	1	25	8	2	Sun rises at 4
27	g Serenity.	1	33	9	7	Sun sets at 8
28	a	1	5	9	51	
29	B Trinity-Sund.	2	2	10	39	K. Charles II. Rest.
30	c Wind and	2	39	11	28	
31	d Rain.	D rises	Morn			

The 10th day at 6 aftern.	<i>Mars</i>	} is with the )
The 14th day at 2 aftern.	<i>Venus</i>	
The 14th day at 8 night	<i>Mercury</i>	
The 18th day at 7 night	<i>Saturn</i>	
The 26th day at 9 night	<i>Jupiter</i>	

M D's	H. Wa.	Observations.
D Signs.	Lon. B.	
1 Secret	1 M 5	20. The Sun and Moon in ☐ or 8 o
2 and	2 20	♂, from Angles chiefly the tenth an
3 memb.	2 55	fourth, declare a violent Death, if it b
4 hips	3 32	to ♂ only; and in human Signs the Na
5 thighs	4 1	tive will be slain by the Hands of his Ene
6 knees	4 40	mies; if to ♀, he may be poisoned o
7 hams	5 24	starved to Death in a Prison.
B legs	6 13	21. Those Persons (let them be King
9 and	7 9	or of a mean Degree) are beloved of al
10 ancles	8 7	Sorts that have 8 or 24 nobly posited in
11 feet	9 13	the Ascendant or the tenth House, and
12 toes	10 14	those Angles free from Affliction.
13 head	11 24	22. The Mid-heaven famously fortified
14 face	0 A 29	gives the Native not only eminent Ho
B neck	1 31	nour, but such as shall remain and b
16 throat	2 33	urable, though at some time (upon il
17 arms	3 18	Directions) it may be subject to Interrup
18 should.	3 56	tions, as in the Nativity of <i>Frederick III</i>
19 breast	4 42	<i>Rex Dania.</i>
20 stom.	5 20	23. When in a Nativity ♀ is in th
21 heart	6 6	tenth or eleventh House, and the <i>Medi</i>
B back	6 56	<i>Cal</i> comes to be directed to his Body
23 bowels	7 43	the Native loseth all his Honours, Office
24 and	8 35	&c. and never riseth again to Preferment
25 belly	9 28	if in such a Nativity there be a viole
26 reins	10 21	Death threatned, that Direction puts
27 loins	11 14	shameful Period unto the Native's Life.
28 secret	morn.	24. The Dragon's Tail in the ten
B and	0 11	House, and ♂ afflicting both Luminar
30 memb.	1 3	in a violent Sign in the fourth, portend
31 hips	1 54	fatal End to the Honour and Life of
		Native.

# J U N E hath XXX Days.

June. New Sule.

Last Quarter the 7th day at midnight.  
 New Moon the 14th day at 4 afternoon.  
 First Quarter the 22d day at 4 morning.  
 Full Moon the 30th day at 4 morning.

M	D	Festival Days and Weather.	D rises and sets	Moon South.	Sun's rising and setting. Increase of Days, &c.
1	1	Ox. Ca. T. beg.	9 33	0 M 19	Day increased 8 h. 34 m.
2	2	Corpus Christi	10 18	1 9	Continual Twilight.
3	3	Term begins.	10 52	2 2	
4	4	K. Geo. III. bo	11 21	2 37	
5	5	1 S. aft. Trin.	11 40	3 48	Sun rises 53 min. after 3
6	6	Turbulent	11 55	4 37	Sun sets 7 min. after 8
7	7	Air at the	morn.	5 25	
8	8	Beginning.	0 11	6 14	Day 16 h. 16 m. long
9	9	Thunder	0 26	7 3	
10	10	Prs. Amelia bo	0 39	7 57	Sun rises 48 min. after 3
11	11	St. Barnabas	1 3	8 51	Day increased 8 h. 44 m.
12	12	2 S. aft. Trin.	1 30	9 50	Sun sets 12 min. after 8
13	13	and Lightning.	2 4	10 52	
14	14	and bafy	sets	11 51	
15	15	Showers.	2 30	0 A 59	Day 16 h. 22 m. long
16	16		10 8	1 46	Day increased 8 h. 49 m.
17	17	St. Alban	10 32	2 38	Syrius not seen.
18	18	Good warm	18 52	3 30	Sun rises 47 m. after 3
19	19	3 S. aft. Trin.	11 6	4 15	Sun sets 13 min. after 8
20	20	and pleasant	11 19	4 53	Continual Twilight.
21	21	Weather.	11 32	5 35	Longest Day.
22	22	Term ends.	11 41	6 15	
23	23	Sultry hot.	11 54	6 57	Sun rises 47 min. after 3
24	24	St. John Bapt.	morn.	7 40	Sun sets 13 m. after 8.
25	25	Misty Morn.	0 16	8 26	
26	26	4 S. aft. Trin.	0 38	9 15	
27	27	Thunder, and	1 7	10 6	No dark Nights.
28	28	Coruscations.	1 46	10 59	
29	29	St. Pet. & Paul	2 33	11 53	Day decreased 6 min.
30	30		rises	morn.	Moon's Eclipse.

# Andrews. JUNE, 1768.

The 8th day at 9 morn.	<i>Mars</i>	} is with the D
The 13th day at 10 morn.	<i>Venus</i>	
The 15th day at noon.	<i>Saturn</i>	
The 19th day at 2 aftern.	<i>Mercury</i>	
The 24th day at 4 morn.	<i>Jupiter</i>	

M	D's	H. Wa.	Observations.
D	Signs	Lon. B.	
1	thighs	2M41	25. The Lord of the Ascendent stronger
2	knees	3	24 than the Lord of the seventh, the Native
3	and	3	50 always overcomes his Enemies; <i>Et contra</i>
4	hams	4	12 26. $\delta$ in $\pi$ , $\eta$ or $\nu$ in the Ascen
B	legs	5	14 dant of a Nativity, makes the Native in
6	ankles	5	58 vincible, chiefly, if otherwise well aspect
7	feet	6	37 ed of the fortunate Planets, or the Lumi
8	toes	7	32 naries.
9	head	8	32 27. $\delta$ in $\epsilon$ , $\square$ or $\gamma$ of the Moor
10	face	9	43 and $\eta$ in the same Aspect of the Sun
11	neck	10	51 from Angles, portends a violent Death, i
B	throat	0	A 9 they shall be so posited in violent Sign
13	arms	1	16 though not in Angles the same.
14	should.	2	16 28. $\gamma$ in $\square$ or $\gamma$ of $\delta$ gives a shar
15	breast	3	4 but a most turbulent and troublesome W
16	stom.	3	41 and Understanding.
17	heart	4	12 29. $\pi$ in $\pi$ in an Angle afflicted of $\delta$
18	and	4	53 or the Sun and Moon in an Angle afflicte
B	back	5	28 of $\eta$ , makes an Idiot, a fanatic or phre
20	bowels	6	4 netic Fellow; for his Brain, like a crack
21	belly	6	43 Looking-Glass; will represent a thousan
22	reins	7	32 Shapes.
23	and	8	25 30. Eminent fixed Stars upon the Angle
24	loins	9	21 of a Nativity, chiefly the <i>Medium Caeli</i> an
25	secret	10	22 Horoscope, declares eminent and prod
B	memb.	11	26 gious Persons, such that shall make th
27	hips	morn.	World admire them, if the Planets therei
28	thighs	0	26 shall but moderately assist.
29	knees	1	24 31. Both the Luminaries afflicted i
30	and	2	28 watry or airy Signs, bring to the Nativ
			an unremoveable Gout.

# J U L Y hath XXXI Days.

Old stile.

New stile.

Last Quarter the 7th day at 5 morn.  
**New Moon** the 14th day at 2 morn.  
 First Quarter the 21st day at 9 night.  
**Full Moon** the 29th day at 2 afternoon.

M	M	Festival Days, & rises	Moon	Sun's rising and letting.
D	D	and Weather. and sets	South.	Decrease of Days, &c.
20	1		9 rif. 17	o M 45
21	2	Visit. B. V. M.	9 42	1 37
22	3	<b>B 5 S. aft. Trin.</b>	9 58	2 29
23	4	Fair and	10 15	3 17
24	5	Old Midf. Day	10 29	4 6
25	6	clear; then	10 40	4 56
26	7	Wind and	10 57	5 45
27	8	hasty Showers.	11 24	6 37
28	9	<b>Cam. T. ends.</b>	11 56	7 32
29	10	<b>B 6 S. aft. Trin.</b>	morn.	8 32
30	11	Impetuous	0 37	9 31
1	12	Winds, and	1 28	10 30
2	13	hasty	2 34	11 27
3	14	Showers.	sets	o A 24
4	15	St. Swithin	8 50	1 17
5	16	Hot and dry,	9 4	2 4
6	17	<b>B 7 S. aft. Trin.</b>	9 18	2 45
7	18	with Claps	9 33	3 28
8	19	of Thunder	9 43	4 8
9	20	Margaret.	9 52	4 49
10	21	in some Places.	10 12	5 32
11	22	Q. Dennis. bo.	10 32	6 16
12	23	Gentle Breezes.	10 56	7 3
13	24	<b>B 8 S. aft. Trin.</b>	11 34	7 53
14	25	St. James.	morn.	8 45
15	26	Serene Air.	0 13	9 37
16	27	Warm,	2 13	10 32
17	28	pestiferous	1 24	10 23
18	29	Wind.	rises	morn.
19	30	Dog Days beg.	8 5	0 20
20	31	<b>B 9 S. aft. Trin.</b>	8 17	1 10

The 11th day at 11 night *Mars*  
 The 4th day at 4 morn. *Saturn*  
 The 10th day: at 10 morn. *Venus*  
 The 2d day at 2 morn. *Mercury*  
 The 5th day at 5 aftern. *Jupiter*

} is with the ☽

M D's	H. Wa.	Observations.
D Signs.	Lon. B.	
1 arms	3 M 9	32. The Moon in ☿ of the Pleiades,
2 legs	3 34	and ☐ of ☿ from an Angle, denotes great
B ancles	4 7	Defects in the Eyes, if not Blindness.
4 feet	4 43	33. He that hath any of the fiery Signs
5 toes	5 21	ascending, and the Lord of the Horoscope
6 head	6 6	in the tenth House, will be always aiming
7 face	6 59	at Things beyond the Capacity of his
8 neck	7 58	Birth, let it be what it will.
9 throat	9 11	34. Sometimes the inferior Planets shall
E arms	10 29	denote greater Honour and Fame to the
11 should.	11 46	Native than the Superior; but then it
12 breast	Q A 53	shall not be of so long Continuance.
13 and	1 50	35. He that is born upon a new or full
14 stom.	2 43	Moon exactly, lives but a little time, if at
15 heart	3 22	all, unless the Moon have great Latitude;
16 back	3 51	for that sometimes may make the ☿ or ☿
B bowels	4 18	eight or nine Degrees distant.
18 belly	4 51	36. ☿ ascending, generally makes in-
19 reins	5 21	genious Persons, unless ☿ who is Lord
20 and	6 1	thereof, be in ☿ or ☿; then is the Native
21 loins	7 33	confident without Reason, and will pre-
22 secret	8 34	tend to Things he understands not.
23 memb.	9 40	37. Fortunate Planets in the ninth House
B hips	10 54	makes famous Churchmen and Lawyers;
25 and	10 47	the like if the Benevolents Trine the Lord
26 thighs	11 51	of the ninth.
27 knees	morn.	38. He that hath ☿ or ☿ in the ninth,
28 hams	0 53	and the Dragon's Tail in the Ascendant,
29 legs	1 49	will prove a mad Fellow to make either
30 ancles	2 42	a Pope or Parish Priest of.
B feet	3 17	39. ☿ in an aerial Sign in the Ascendant,

# AUGUST hath XXXI Days.

Old Style.  
New Style.

Last Quarter the 5th day at 9 morning.  
 New Moon the 12th day at 1 afternoon.  
 First Quarter the 20th day at 3 afternoon.  
 Full Moon the 27th day at midnight.

M D	M D	Festival Days and Weather.	D rises and sets	Moon South	Sun's rising and setting. Decrease of Days, &c.
21	1	Lammas Day.	8 35	1 M 59	Day decr. 1 hour 12 m.
22	2	Good Harvest	8 48	2 49	Day breaks 28 minutes
23	3	Weather,	9 4	3 39	after 1 o'clock.
24	4	at the	9 28	4 32	Day 15 hours long.
25	5	Beginning.	9 58	5 26	Day decr. 1 hour 25 m.
26	6	Transfigurat.	10 39	6 22	Sun rises 30 min. after 4
27	B 10	S. aft. Trin.	11 23	7 21	Sun sets 30 min. aft. 7
28	8	Thunder	morn.	8 19	Twilight ends. 2 h. 46 m.
29	9	and Lightning,	0 25	9 18	after sun-set.
30	10	St. Laurence.	1 34	10 13	Day 14 hours 46 m. long
31	11	Prs. Brunf. bo.	2 54	11 5	Day decr. 1 hour 44 m.
1	12	Pr. Wales bor.	sets	11 54	Old Lammas Day.
2	13	and Rain.	7 26	0 A 39	
3	B 11	S. aft. Trin.	7 40	1 22	
4	15	Assum. V. M.	7 53	2 3	Day decreased 2 hours.
5	16	Pr. Fred. born.	8 1	2 44	Sun rises 49 min. aft. 4
6	17	Wind, and	8 16	3 27	Sun sets 10 min. after 7
7	18	seasonable	8 35	4 11	
8	19	Weather.	9 0	4 57	
9	20		9 32	5 44	
10	B 12	S. aft. Trin.	10 8	6 33	Pr. William-Henry bo.
11	22	Fair, and	11 0	7 25	Sun rises at 5.
12	23	warm Air.	morn.	8 19	Sun sets at 7.
13	24	St. Bartholom.	0 3	9 12	
14	25	Flying Clouds.	1 16	10 9	Day decr. 2 h. and half.
15	26	Over cast;	2 33	11 1	
16	27		rises	11 53	
17	B 13	S. aft. Trin.	6 32	morn.	
18	29	Dec. St. J. Bap.	7 2	0 45	
19	30	Perhaps some	7 16	1 36	Sun rises 14 min. aft. 5
20	31	Rain.	7 32	2 29	Sun sets 44 min. after 6



# Andrews. AUGUST, 1768.

The 4th day at 7 morn.	<i>Mars</i>	} is with the ☿.
The 9th day at 5 night,	<i>Saturn</i>	
The 11th day at midnight,	<i>Mercury</i>	
The 12th day at 1 aftern.	<i>Venus</i>	
The 17th day at 8 morn.	<i>Jupiter</i>	

M	D's	H. Wa	Observations.
L	Signs.	Lon. B.	
1	toes	3 49	in a good Aspect of the Moon, or ☿,
2	head	4 21	makes learned and famous Divines, such
3	face	5 1	that will acquaint themselves with many
4	neck	5 43	Languages,
5	and	6 36	40. ♀ and ☿ in Conjunction, in an
6	throat	7 40	aerial Sign, in the Ascendant in Trine to
B	arms	8 54	♂ in the ninth, makes the greatest Scho-
8	should	10 14	lars and the most learned Critics.
9	breast	11 30	41. Those Divines are at the very Top
10	nom.	0 A 33	and Authority of their Profession, that have
11	heart	1 29	many Planets in the ninth House.
12	back	2 20	42. The Lord of the tenth in the
13	bowels	2 52	twelfth, and the Lord of the twelfth in the
B	and	3 26	Ascendant, are certain Arguments of Im-
15	belly	3 50	prisonment and Restraint; the like, if the
16	reins	4 17	Lord of the Ascendant is in the twelfth.
17	loins	4 50	43. ♀ in ☿ retrograde, in Quartile to
18	secre	5 26	♂ and ♀, and they in Opposition to each
19	and	6 8	other in the Nativity of a Divine, make
20	memb.	6 55	a great Enthusiast.
B	hips	7 52	44. ♀ of ♀ in the Ascendant, void of
22	thighs	9 1	the Affliction of the Infortunes, makes
23	knees	10 14	just and upright Persons.
24	and	11 20	45. Those Persons that have ☿, ♀, or
25	knee	morn.	♂ ascending in their Nativities, and ♀
26	legs	0 31	afflicted by ♄ or ☿, they either speak not
27	ankles	1 24	at all, or else have very great Impediment
B	feet	2 17	in their Speech: if ♂ afflicts ♀, in such
29	toes	3 0	a Nativity the Native stammers very much.
30	head	3 33	46. If Signs of Voice ascend in a Geni-
31	face	4 0	ture, as ♀, ♀, ♄, ♄, ♄, and ♄ be free

# SEPTEMBER hath XXX Days.

New Style.

Last Quarter the 3d day at 3 afternoon.  
New Moon the 11th day at 3 morning.  
First Quarter the 19th day at 8 morning.  
Full Moon the 26th day at 9 morning.

M	Festival Days	D	rises	Moon	Sun's rising and setting.
D	and Weather.	and sets	South	Decrease of Days, &c.	
1	1 Giles	8 10	3 M 25	Day 13 h. 24 m. long.	
2	2 Lond. b. 1666.	8 48	4 24		
3	3 Favourable	9 29	5 22	Sun rises 43 min. after 5	
4	4 S. aft. Trin.	10 26	6 21	Sun sets 16 min. after 6	
5	5 Weather.	11 32	7 19		
6	6	morn.	8 14		
7	7 Dog days end	0 47	9 7	Twilight ends 2 h. 8 m.	
8	8 Nativ. B. V. M.	2 22	9 57	after Sun-set.	
9	9 Fair; with	3 22	10 44	Day 13 hours long	
10	10 brisk Winds,	4 37	11 27	Day dec. 3 hour 32 min.	
11	11 S. aft. Trin.	sets	0 A 10	Sun rises 39 min. after 5	
12	12 fitting the	6 17	0 49	Sun sets 21 min. after 6	
13	13 Season.	6 33	1 32		
14	14 Holy Rood D.	6 54	2 15		
15	15 Warm pleasant	7 18	3 0	Day decr. 4 hours.	
16	16 Weather; but	7 45	3 48		
17	17 not without	8 18	4 36	Sun rises 46 min. aft. 5	
18	18 S. aft. Trin.	9 0	5 25	Sun sets 13 min. after 6	
19	19 some Showers	9 58	6 19	Day 12 h. 10 m. long.	
20	20 of Rain.	11 8	7 11	Orion's Girdle sets 31 m.	
21	21 St. Matthew.	morn.	8 6	past 11.	
22	22 K. Geo. III. cr.	0 23	8 59	Ember Week.	
23	23 Cloudy Air.	1 37	9 49	Equal day and night.	
24	24	3 8	10 38		
25	25 S. aft. Trin.	4 35	11 31	Day-break soon after 4.	
26	26 Warm and	rises	morn.	St. Cyprian/	
27	27 good Weather.	5 52	0 25	7 Stars rise 20 min. aft. 6	
28	28	6 18	1 21	in the Evening.	
29	29 St. Michael.	6 52	2 18	Prs. Charl. Aug. Mat. bo.	
30	30 St. Jerom.	7 35	3 20		

# Andrews. · SEPTEMBER, 1768.

The 1st day at 8 morn.	<i>Mars</i>	} is with the D.
The 6th day at 4 morn.	<i>Saturn</i>	
The 7th day at 10 morn.	<i>Mercury</i>	
The 11th day at 9 night,	<i>Venus</i>	
The 14th day at 2 morn.	<i>Jupiter</i>	
The 28th day at 6 night,	<i>Mars</i>	

M D	D's Signs.	H. Wa. Lon. B.	Observations.
1	neck	4 M 49	from Affliction, the Native is of excellent
2	throat	5 36	Speech, and of graceful Elocution.
3	arms	6 34	47. The D in $\odot$ of $\text{H}$ , in the earthly Sign
4	should.	7 38	ascending, makes exceeding melancholy
5	breast	8 53	Persons, and such as believe they see Visions.
6	stoma.	10 5	48. He that hath the Moon in $\gamma$ , and
7	heart	11 14	in Opposition of $\text{H}$ , and Dragon's Tail
8	and	0 A 16	upon the Ascendant, will be a Promoter of
9	back	1 8	Lies and Deceits.
10	bowels	1 50	49. $\text{H}$ upon the Cusp of the second,
11	belly	2 34	makes the Native always poor, let him
12	reins	3 4	have what Assistance soever, unless he be
13	and	3 32	well dignified there, and friendly irradiated
14	loins	3 59	by the Beams of the Fortunes.
15	secret	4 30	50. $\text{H}$ and the $\odot$ in the second in their
16	memb.	5 6	Dignities, gives the Native an Estate, but
17	hips	5 47	procure him Ways to waste it: ill posited
18	and	6 37	there, he will not have much to be prodig-
19	thighs	7 38	al of, without other very remarkable Af-
20	knees	8 42	fluences.
21	hams	9 56	51. The greater the Dignities are of the
22	legs	11 5	Planets in a Nativity, the more splendid
23	ankles	morn.	and spreading is the Native's Fame; the
24	feet	0 9	greater their Debilities, the more obscure
25	toes	1 2	his Fortune.
26	head	1 55	52. A continued Series of good Direc-
27	face	2 46	tions makes a bad Nativity; at sometimes
28	neck	3 24	very good, but they will not continue it so
29	throat	4 0	to the End.
30	arms	4 45	53. A grand Satellitium of the Planets
			in the eight House, upon good Directions

# OCTOBER hath XXXI Days.

Old Syle.	New Syle.	Last Quarter the 2d day at midnight. New Moon the 10th day at 8 night. First Quarter the 18th day at 11 night. Full Moon the 25th day at 6 night.			
M D	M D	Festival Days and Weather.	D rises and sets	Moon South.	Sun's rising and setting. Decrease of Days, &c.
20	1		8 33	4 M 23	Sun rises 18 min. after 6
21	B 18	S. aft. Trin.	9 41	5 22	Sun sets 40 min after 5
22	3	Dry windy	10 53	6 19	Day break 27 m. after 4
23	4	Weather.	morn.	7 14	Day 11 hours long.
24	5		0 10	8 5	Day decr. 5 h. 22 m. 11
25	6	Faith.	1 26	8 50	Sun rises half an hour
26	7	Some dawning	2 38	9 34	after 6. and sets half
27	8	Showers.	3 48	10 18	an hour after 5.
28	B 19	S. aft. Trin.	5 1	11 0	St. Denys.
29	10	Ox. Ca. T. beg.	sets	11 40	Old Michaelmas Day.
30	11	Uncertain	5 12	0 A 23	Twilight ends 19 min.
31	12	Weather.	5 29	1 7	past 7 o'clock.
3	13	K. Edw. Conf.	5 55	1 53	
4	14	Storms of	6 29	2 40	Virg. Spike ris. 47 m. p. 6
5	15	Hail or Rain.	7 11	3 28	Day 10 h. 32 min. long.
6	B 20	S. aft. Trin.	8 0	4 21	Day decreased 6 hours.
7	17		9 2	5 13	Sun rises 48 min. aft. 6
8	18	St. Luke.	10 13	6 5	Sun sets 10 min. aft. 5
9	19	At different	11 32	6 54	
10	20	Times windy	morn.	7 44	
11	21	and cloudy	0 48	8 33	
12	22	Air,	2 13	9 25	Day 10 h. 4 min. long
13	B 21	S. aft. Trin.	3 42	10 17	Day decr. 6 h. 24 min.
14	24	with some	5 14	11 12	
15	25	K. Geo. III. In	rises	morn.	St. Crispin.
16	26	K. G. III. Pro.	4 51	0 10	Sun rises 5 min. after 5
17	27	soaking showers	5 31	1 11	Sun sets 53 min. after 4
18	28	St. Sim. & Jud	6 21	2 13	Day 9 h. 41 min. long.
19	29		7 27	3 16	Day decr. 6 h. 50 min.
20	B 22	S. aft. Trin.	8 44	4 19	
21	31		10 3	5 14	

# Andrews. OCTOBER, 1768.

The 3d day at 1 aftern.	Saturn	} is with the D.
The 11th day at 8 night.	Jupiter	
The 12th day at 7 morn.	Venus	
The 12th day at 7 morn.	Mercury	
The 25th day at 5 night.	Mars	
The 30th day at 11 night.	Saturn	

M D's	H. Wa.	Observations.
D Signs.	Lon. B.	
1 should.	5 M 33	unto them, the Native gains mightily b
2 breast	6 35	the Wills and Legacies of deceased Persons
3 and	7 37	54. Fortunate Planets well posited in th
4 stoma.	8 47	eleventh House, denote many great an
5 heart	9 56	powerful Friends; Unfortunate ones there
6 back	10 50	ill affected, declare few and faithless.
7 bowels	11 50	55. $\delta$ and $\zeta$ posited in the tenth House
8 belly	0 A 41	either in the House of $\delta$ or $\zeta$ , makes th
9 reins	1 24	Native exceedingly famed for his Skill i
10 and	2 5	Sciences.
11 loins	2 44	56. The Moon in Reception, and $\Delta$ c
12 secret	3 15	$\delta$ , makes a Man a Turner up of Cour
13 memb.	3 56	cils, &c. by the Roots.
14 hips	4 14	57. $\delta$ and $\eta$ in 8 from equinoxial Signi
15 and	4 51	makes a great Traitor and a Tyrant; an
16 thighs	5 34	if they shall be in $\square$ of $\eta$ , he will be a
17 knees	6 24	Observer of Law and Religion for his ow
18 hams	7 20	End, as in the Nativity of <i>Oliver Cromwel</i>
19 legs	8 21	58. All the Planets under the Earth
20 and	9 27	when they promise Dignity, Honour, an
21 ancles	10 30	Renown, generally perform it in the latte
22 feet	11 38	Part of the Native's Life.
23 toes	morn.	59. The Lord of the eleventh strong
24 head	0 41	than the Lord of the seventh, denotes th
25 face	1 36	Friends and Assistance of the Native to t
26 neck	2 34	more considerable and powerful than h
27 throat	3 18	Adversaries.
28 arms	3 57	60. The Returns of the superior Plane
29 should.	4 43	to their radical Places in any Revolution
30 breast	5 33	portend a fatal Year, chiefly if attended t
31 stoma.	6 26	an ill Direction.

# NOVEMBER hath XXX Days.

Old Style.  
New Style.

Last Quarter the 1st day at noon.

**New Moon** the 9th day at 2 afternoon.

First Quarter the 17th day at 1 afternoon.

**Full Moon** the 24th day at 4 morning.

MM	Festival Days	D rise	Moon	Sun's rising and setting.
DD	and Weather	and set.	South	Decrease of Days, &c.
21	1 <b>All Saints.</b>	11 18	6 M 6	Sun rises 17 min. after 7
22	2 <b>All Souls.</b>	morn.	6 54	Sun sets 41 min. after 4
23	3 <i>Mornings</i>	0 32	7 35	Day decr. 7 hours 6 min.
24	4 <i>foggy and misty.</i>	1 45	8 18	
25	5 <b>Powder Plot.</b>	2 57	9 1	
26	<b>B 23 S. aft. Trin.</b>	4 8	9 40	
27	7 <b>D. Cumb. bor.</b>	5 15	10 22	<b>Term begins.</b>
28	8 <i>Now more</i>	6 24	11 6	Day breaks at half an
29	9 <i>fair and frosty.</i>	sets	11 53	hour after 5.
30	10 <i>Soon changes</i>	4 35	0 A 42	Sun rises 32 min. after 7
31	11 <b>Martinmas.</b>	5 10	1 31	Sun sets 26 min. after 4.
NOV	12	5 58	2 19	Day breaks 37 m. aft. 5.
	<b>B 24 S. aft. Trin.</b>	6 58	3 10	Day 8 hours 36 m. long.
	3 <i>to Wind, with</i>	8 2	4 1	Day decr. 7 h. 53 min.
	4 <i>Rain or Sleet.</i>	9 20	4 50	Aldebar. rises 1 h. after
	5 <i>Favourable</i>	10 36	5 38	Sun set.
	6 <i>Weather.</i>	11 54	6 27	
	7 <i>Fair and</i>	morn.	7 14	Sun rises 48 m. after 7.
	8 <i>frosty.</i>	1 14	8 2	Sun sets 11 min. after 4
	9 <b>B 25 S. aft. Trin.</b>	2 41	8 53	Twilight ends a quarter
	10 <i>Snow.</i>	4 10	9 48	after 6 o'clock.
11	22 <b>Old Martinmas</b>	5 36	10 46	
12	23 <b>St. Clement.</b>	7 5	11 48	
13	24 <b>D. Glouc. bo.</b>	rises	morn.	
14	25 <i>Cloudy and</i>	5 4	0 51	Day 8 h. 14 m. long.
15	26	6 16	1 55	Stars 40 min. after 7
16	<b>B Advent Sund.</b>	7 36	2 56	in the morning.
17	28 <b>Term ends.</b>	8 53	3 52	
18	29 <i>moist Air.</i>	10 13	4 44	Sun rif. at 8, and sets at 4
19	30 <b>St. Andrew.</b>	11 33	5 30	Prs. Dow. of Wales born.

# Andrews. NOVEMBER, 1768.

The 8th day at 3 aftern.	<i>Jupiter</i>	} is with the D.
The 11th day at 2 aftern.	<i>Mercury</i>	
The 11th day at 6 night,	<i>Venus</i>	
The 21st day at 9 night,	<i>Mars</i>	
The 27th day at 7 morn.	<i>Saturn</i>	

M D	D's Signs.	H. Wa. Lon. B.	Observations.
1	heart	7 22	61. The Lord of the Ascendant of the
2	back	8 21	Radix, in $\delta$ with the Lord of the eighth of
3	bowels	9 15	the Revolution in the eighth, is very danger-
4	and	10 8	ous to the Life of the Native.
5	belly	11 7	62. Some Persons attain to great Ho-
6	reins	11 57	nour and Dignity who have bad Geni-
7	loins	0 A 44	tures, but then they must sympathize with
8	secret	1 32	the Nativities of their Raisers.
9	and	2 18	63. When the Signs of the sixth House of
10	memb.	2 58	the Radix ascend in a Revolution, and the
11	hips	3 31	Lord of the sixth is posited in the fourth,
12	thighs	4 0	it is a dangerous Year to the Life of the
13	knees	4 38	Native if an ill Direction be operating.
14	and	5 17	64. The greatest Sympathy that can be
15	hams	6 1	betwixt Genitures, is by having the fortu
16	legs	6 51	nate Planets in one, in the Places of the
17	ankles	7 45	Luminaries in the other; and the Lumina-
18	feet	8 47	ries in the Places of the fortunate Planets.
19	toes	9 50	65. The greatest Antipathy is by the
20	head	10 56	Infortunes, in one, possessing the Places of
21	face	morn.	the Luminaries in the other; and the Lu-
22	neck	0 6	minaries in the Place of the Infortunes.
23	throat	1 8	66. $\bar{h}$ in one Man's Nativity upon the
24	arms	2 13	Ascendant of another, is an absolute Token
25	should.	3 5	of Hatred, and the latter shall be the in
26	breast	3 46	jured Person.
27	stom.	4 27	67. $\bar{\delta}$ in either of the Houses of $\bar{h}$ gives
28	heart	5 10	a most excellent Understanding; if he shall
29	and	5 55	be in $\ast$ or $\Delta$ , or Reception of $\bar{h}$ , the Na
30	back	6 43	tive will be admir'd for his Ingenuity.
			68. The $\odot$ and $\odot$ in $\delta$ of $\bar{\delta}$ in a Tropica

# D E C E M B E R hath XXXI Days.

Old Stile.		New Stile.		Last Quarter the 1st day at 4 morning		New Moon the 9th day at 4 morning.		First Quarter the 16th day at midnight.		Full Moon the 23d day at 3 afternoon.		Last Quarter the 30th day at midnight.	
M	D	Festival Day	Drises	Moon	Sun's rising and setting.	D	and Weather.	and sets	South	Decrease of Days, &c.			
20	1	Very agreeable	morn.	6 M 2	Day 8 hours long.								
21	2	Weather,	0 47	6 54	Day decr. 8 h. 15 min.								
22	3		1 56	7 35									
23	4	<b>B 2 S. in Advent</b>	3 3	8 17									
24	5	for the Season.	4 10	8 58	Sun rises 4 min. after 8								
25	6	Nicholas.	5 16	9 42	Sun sets 55 min. after 3								
26	7	Snow or Rain.	6 24	10 29	Twilight ends at 6								
27	8	Conc. B.V.M.	7 30	11 16	Day decr. 8 h. 42 min.								
28	9	Moderate Wea	sets	0 A 8	Sun's Eclipse invisible.								
29	10	ther, considering	4 44	1 1									
30	11	<b>B 3 S. in Advent</b>	5 47	1 53	Sun rises 10 min. after 8								
Dec.	12	the Season ;	6 58	2 39	Sun sets 49 m. after 3								
	13	Lucy.	8 16	3 30	Syrius rises 25 m. after 8								
	14	<b>Ember Week.</b>	9 30	4 20	at night.								
	15	as also Flights	10 50	5 3	Day 7 hours 36 m. long								
	16	<b>Cx. Ca. T. end</b>	morn.	5 52	Day decr. 8 hours 50 m.								
	17	of Snow.	0 11	6 38									
	18	<b>B 4 S. in Advent</b>	1 35	7 30	Sun rises 13 m. after 8								
	19	A Remission	2 59	8 23	Sun sets 47 min. after 3								
	20	of Cold.	4 22	9 18	Day decr. 8 hours 50 m.								
10	21	<b>St. Thomas.</b>	5 48	10 17	<b>Shortest Day.</b>								
11	22	Frost and	7 7	11 21									
12	23	Snow,	rises	morn.	Moon's Eclipse visible.								
13	24		4 55	0 25	Day breaks 1 m. aft. 6								
14	25	<b>B Christmas-day</b>	6 14	1 24									
15	26	<b>St. Stephen.</b>	7 39	2 19									
16	27	<b>St. John Evan.</b>	8 59	3 6	Sun rises 12 min. aft. 8								
17	28	<b>Holy Innoc.</b>	10 15	3 49	Sun sets 48 min. aft. 3								
18	29	or Sleet.	11 29	4 34	7 Stars south at 9 night								
19	30		morn.	5 15									
20	31	Silvester.	0 34	5 57									



# Andrews. DECEMBER, 1768.

The 6th day at 9 morn.	<i>Jupiter</i>	} is with the D.
The 7th day at 2 aftern.	<i>Mercury</i>	
The 12th day at 1 morn.	<i>Venus</i>	
The 18th day at 9 night.	<i>Mars</i>	
The 24th day at 2 aftern.	<i>Saturn</i>	

M. D. Signs.	H. Wa. Lon. B.	Observations.
1 bowels	7 16	sign, gives the Native large intellectual Abilities.
2 belly	8 21	
3 reins	9 15	69. The Head of <i>Asgol</i> in the Mid-heaven, and the D in the twelfth in $\square$ thereunto, portends Loss of Honour and Renown, if not at last Death in Prison,
4 loins	10 11	
5 secret	10 59	
6 and	11 5	70. All the Planets in a Nativity out of their essential Fortitudes, declare obscure Persons; which, if they happen to attain to any Degree of Preferment, they never long enjoy it.
7 memb.	0 A 52	
8 ships	1 40	
9 thighs	2 31	
10 knees	3 11	
B and	3 45	71. Violent fixed Stars upon the Cusp of the Mid heaven, and the Lord thereof posited among such, denotes a violent Catastrophe of the Native's Honour and Fame.
12 hams	4 13	
13 legs	4 53	
14 ancles	5 33	72. Direction to the Bodies or Aspects of Planets in the descending Part of Heaven, although they denote the highest Happiness imaginable, yet it is not long durable.
15 feet	6 13	
16 toes	7 8	
17 head	8 0	
18 face	9 8	73. Those Persons that have Crowds of Planets in Angles, have at some time or other in their Lives prodigious Success or Detriment, according to the Nature of Directions that shall occur.
19 neck	10 19	
20 throat	11 30	
21 arms	morn	
22 should.	0 38	
23 breast	1 45	74. He who hath $\frac{1}{2}$ Lord of the seventh in his Nativity, never marries until he be past the 30th year of his Age; unless it so happen that $\frac{1}{4}$ or $\frac{3}{4}$ be upon the Horoscope, or in good Aspect of the Moon, in his Nativity.
24 and	2 40	
B stom.	3 20	
26 heart	4 1	
27 back	4 35	75. A fortunate Planet in the eight House always portends a natural Death.
28 bowels	5 8	
29 belly	5 46	76. The Lord of the eighth, posited in the ninth House, declare Death to the Native by the Sentence of a Judge.
30 reins	6 27	
31 loins	7 12	

# The Dominion of the MOON in Man's Body, passing under the Twelve Zodiacal CONSTELLATIONS.

♈ <i>Aries</i> , head and face.	♎ <i>Libra</i> , reigns and loins.
♉ <i>Taurus</i> , neck and throat.	♏ <i>Scorpio</i> , secret members.
♊ <i>Gemini</i> , arms & shoulders.	♐ <i>Sagittary</i> , thighs and hips.
♋ <i>Cancer</i> , breast & stomach.	♑ <i>Capricorn</i> , the knees.
♌ <i>Leo</i> , heart and back.	♒ <i>Aquarius</i> , the legs.
♍ <i>Virgo</i> , bowels and belly,	♓ <i>Pisces</i> , the feet.

## The Names and Characters of the Seven Planets, with the *Dragon's Head* and *Tail*.

♄ Saturn.	}	☉ <i>Sol</i> , or the Sun.	}	♀ Venus.
♃ Jupiter.				☿ Mercury.
♂ Mars.				♁ The Moon.
		♈ Dragon's Head.		
		♏ Dragon's Tail.		

## A Table of Aspects, both Old and New, according to EICHSTADIUS.

Characters.	<i>The Names of the Aspects.</i>	<i>Distant in Signs, Deg.</i>		<i>The Phases, or Shapes of the Moon's Light.</i>
○	Conjunction.	00	00	<i>Novilunium</i> , the New Moon.
SS	Semifextile.	01	00	
*	Sextile.	02	00	<i>Corniculata</i> , the horned Moon.
○/	Quintile.	02	12	
□	Quartile.	03	00	<i>Semiplena</i> , Moon half full (light).
rd	Tredicile.	03	18	
Δ	Trine.	04	00	<i>Gibbosa</i> , Moon three parts (light).
Bq	Biquintile.	04	24	
⊖	Opposition.	06	00	<i>Penilunium</i> , the full Moon.

W. B. Look for the sum in the Left-hand Column, and against it is the Interest for a Week, a Month, 3 Months, 6 Months, a Year: So the Interest of 30/ for a Week is 7 Pence half-penny, for a Month 2s. 6d. for 3 Months 7s. 6d. for 6 Months 15s. for a Year 1l. 10s.

# A Table of Interest at 5 per Cent.

	A Week			1 Month			3 Months			6 Months			A Year		
	l.	s.	d.	l.	s.	d.	l.	s.	d.	l.	s.	d.	l.	s.	d.
100	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0
200	2	0	0	2	0	0	2	0	0	2	0	0	2	0	0
300	3	0	0	3	0	0	3	0	0	3	0	0	3	0	0
400	4	0	0	4	0	0	4	0	0	4	0	0	4	0	0
500	5	0	0	5	0	0	5	0	0	5	0	0	5	0	0
600	6	0	0	6	0	0	6	0	0	6	0	0	6	0	0
700	7	0	0	7	0	0	7	0	0	7	0	0	7	0	0
800	8	0	0	8	0	0	8	0	0	8	0	0	8	0	0
900	9	0	0	9	0	0	9	0	0	9	0	0	9	0	0
1000	10	0	0	10	0	0	10	0	0	10	0	0	10	0	0
1100	11	0	0	11	0	0	11	0	0	11	0	0	11	0	0
1200	12	0	0	12	0	0	12	0	0	12	0	0	12	0	0
1300	13	0	0	13	0	0	13	0	0	13	0	0	13	0	0
1400	14	0	0	14	0	0	14	0	0	14	0	0	14	0	0
1500	15	0	0	15	0	0	15	0	0	15	0	0	15	0	0
1600	16	0	0	16	0	0	16	0	0	16	0	0	16	0	0
1700	17	0	0	17	0	0	17	0	0	17	0	0	17	0	0
1800	18	0	0	18	0	0	18	0	0	18	0	0	18	0	0
1900	19	0	0	19	0	0	19	0	0	19	0	0	19	0	0
2000	20	0	0	20	0	0	20	0	0	20	0	0	20	0	0
2100	21	0	0	21	0	0	21	0	0	21	0	0	21	0	0
2200	22	0	0	22	0	0	22	0	0	22	0	0	22	0	0
2300	23	0	0	23	0	0	23	0	0	23	0	0	23	0	0
2400	24	0	0	24	0	0	24	0	0	24	0	0	24	0	0
2500	25	0	0	25	0	0	25	0	0	25	0	0	25	0	0
2600	26	0	0	26	0	0	26	0	0	26	0	0	26	0	0
2700	27	0	0	27	0	0	27	0	0	27	0	0	27	0	0
2800	28	0	0	28	0	0	28	0	0	28	0	0	28	0	0
2900	29	0	0	29	0	0	29	0	0	29	0	0	29	0	0
3000	30	0	0	30	0	0	30	0	0	30	0	0	30	0	0
3100	31	0	0	31	0	0	31	0	0	31	0	0	31	0	0
3200	32	0	0	32	0	0	32	0	0	32	0	0	32	0	0
3300	33	0	0	33	0	0	33	0	0	33	0	0	33	0	0
3400	34	0	0	34	0	0	34	0	0	34	0	0	34	0	0
3500	35	0	0	35	0	0	35	0	0	35	0	0	35	0	0
3600	36	0	0	36	0	0	36	0	0	36	0	0	36	0	0
3700	37	0	0	37	0	0	37	0	0	37	0	0	37	0	0
3800	38	0	0	38	0	0	38	0	0	38	0	0	38	0	0
3900	39	0	0	39	0	0	39	0	0	39	0	0	39	0	0
4000	40	0	0	40	0	0	40	0	0	40	0	0	40	0	0
4100	41	0	0	41	0	0	41	0	0	41	0	0	41	0	0
4200	42	0	0	42	0	0	42	0	0	42	0	0	42	0	0
4300	43	0	0	43	0	0	43	0	0	43	0	0	43	0	0
4400	44	0	0	44	0	0	44	0	0	44	0	0	44	0	0
4500	45	0	0	45	0	0	45	0	0	45	0	0	45	0	0
4600	46	0	0	46	0	0	46	0	0	46	0	0	46	0	0
4700	47	0	0	47	0	0	47	0	0	47	0	0	47	0	0
4800	48	0	0	48	0	0	48	0	0	48	0	0	48	0	0
4900	49	0	0	49	0	0	49	0	0	49	0	0	49	0	0
5000	50	0	0	50	0	0	50	0	0	50	0	0	50	0	0
5100	51	0	0	51	0	0	51	0	0	51	0	0	51	0	0
5200	52	0	0	52	0	0	52	0	0	52	0	0	52	0	0
5300	53	0	0	53	0	0	53	0	0	53	0	0	53	0	0
5400	54	0	0	54	0	0	54	0	0	54	0	0	54	0	0
5500	55	0	0	55	0	0	55	0	0	55	0	0	55	0	0
5600	56	0	0	56	0	0	56	0	0	56	0	0	56	0	0
5700	57	0	0	57	0	0	57	0	0	57	0	0	57	0	0
5800	58	0	0	58	0	0	58	0	0	58	0	0	58	0	0
5900	59	0	0	59	0	0	59	0	0	59	0	0	59	0	0
6000	60	0	0	60	0	0	60	0	0	60	0	0	60	0	0
6100	61	0	0	61	0	0	61	0	0	61	0	0	61	0	0
6200	62	0	0	62	0	0	62	0	0	62	0	0	62	0	0
6300	63	0	0	63	0	0	63	0	0	63	0	0	63	0	0
6400	64	0	0	64	0	0	64	0	0	64	0	0	64	0	0
6500	65	0	0	65	0	0	65	0	0	65	0	0	65	0	0
6600	66	0	0	66	0	0	66	0	0	66	0	0	66	0	0
6700	67	0	0	67	0	0	67	0	0	67	0	0	67	0	0
6800	68	0	0	68	0	0	68	0	0	68	0	0	68	0	0
6900	69	0	0	69	0	0	69	0	0	69	0	0	69	0	0
7000	70	0	0	70	0	0	70	0	0	70	0	0	70	0	0
7100	71	0	0	71	0	0	71	0	0	71	0	0	71	0	0
7200	72	0	0	72	0	0	72	0	0	72	0	0	72	0	0
7300	73	0	0	73	0	0	73	0	0	73	0	0	73	0	0
7400	74	0	0	74	0	0	74	0	0	74	0	0	74	0	0
7500	75	0	0	75	0	0	75	0	0	75	0	0	75	0	0
7600	76	0	0	76	0	0	76	0	0	76	0	0	76	0	0
7700	77	0	0	77	0	0	77	0	0	77	0	0	77	0	0
7800	78	0	0	78	0	0	78	0	0	78	0	0	78	0	0
7900	79	0	0	79	0	0	79	0	0	79	0	0	79	0	0
8000	80	0	0	80	0	0	80	0	0	80	0	0	80	0	0
8100	81	0	0	81	0	0	81	0	0	81	0	0	81	0	0
8200	82	0	0	82	0	0	82	0	0	82	0	0	82	0	0
8300	83	0	0	83	0	0	83	0	0	83	0	0	83	0	0
8400	84	0	0	84	0	0	84	0	0	84	0	0	84	0	0
8500	85	0	0	85	0	0	85	0	0	85	0	0	85	0	0
8600	86	0	0	86	0	0	86	0	0	86	0	0	86	0	0
8700	87	0	0	87	0	0	87	0	0	87	0	0	87	0	0
8800	88	0	0	88	0	0	88	0	0	88	0	0	88	0	0
8900	89	0	0	89	0	0	89	0	0	89	0	0	89	0	0
9000	90	0	0	90	0	0	90	0	0	90	0	0	90	0	0
9100	91	0	0	91	0	0	91	0	0	91	0	0	91	0	0
9200	92	0	0	92	0	0	92	0	0	92	0	0	92	0	0
9300	93	0	0	93	0	0	93	0	0	93	0	0	93	0	0
9400	94	0	0	94	0	0	94	0	0	94	0	0	94	0	0
9500	95	0	0	95	0	0	95	0	0	95	0	0	95	0	0
9600	96	0	0	96	0	0	96	0	0	96	0	0	96	0	0
9700	97	0	0	97	0	0	97	0	0	97	0	0	97	0	0
9800	98	0	0	98	0	0	98	0	0	98	0	0	98	0	0
9900	99	0	0	99	0	0	99	0	0	99	0	0	99	0	0
10000	100	0	0	100	0	0	100	0	0	100	0	0	100	0	0

A correct Table for equating of Time, or of the Inequality of Solar Days, for the regulating of Clocks —

Days.	J.	F.	M.	A.	M.	J.	J.	A.	S.	O.	N.	D.	Days.
	ad	ad	ad	ad	fu.	fu.	ad	ad	fu.	fu.	fu.	fu.	
1	4	14	13	4	3	3	3	6	1	10	16	10	1
2	5	14	13	4	3	3	3	6	1	11	16	10	2
3	5	14	13	3	4	3	3	6	1	11	16	10	3
4	6	15	12	3	4	2	3	6	1	11	16	9	4
5	6	15	12	3	4	2	3	5	2	11	16	9	5
6	6	15	12	2	4	2	4	5	2	12	16	8	6
7	7	15	11	2	4	2	4	5	2	12	16	8	7
8	7	15	11	2	4	2	4	5	2	12	16	8	8
9	8	15	11	2	4	2	4	5	3	13	16	7	9
10	8	15	11	1	4	1	5	5	3	13	16	7	10
11	9	15	10	1	4	1	5	5	3	13	15	6	11
12	9	15	10	1	4	1	5	5	4	13	15	6	12
13	9	15	10	0	4	1	5	4	4	14	15	5	13
14	10	15	10	0	4	1	5	4	5	14	15	4	14
15	10	15	9	fu.	4	c	5	4	5	14	15	4	15
16	11	15	9	0	4	o	5	4	5	14	15	4	16
17	11	15	9	1	4	ad	5	4	6	14	15	3	17
18	11	14	8	1	4	b	6	3	6	15	14	3	18
19	11	14	8	1	4	o	6	3	6	15	14	2	19
20	12	14	8	1	4	1	6	3	6	15	14	2	20
21	12	14	7	2	4	1	6	3	7	15	14	1	21
22	12	14	7	2	4	1	6	3	7	15	13	1	22
23	13	14	7	3	4	1	6	2	7	15	13	ad	23
24	13	14	6	2	4	2	6	2	8	16	13	0	24
25	13	14	6	2	4	2	6	2	8	16	13	1	25
26	13	13	6	2	4	2	6	2	9	16	12	1	26
27	13	13	6	3	4	2	6	1	9	16	12	2	27
28	14	13	5	3	3	2	6	1	9	16	12	2	28
29	14		5	3	3	3	6	1	10	16	11	3	29
30	14		5	3	3	3	6	fu.	10	16	11	3	30
31	14		4		3		6	o		16		4	31

Note, When the Title is ad. Watches are too fast; and when the Title is fu. Watches are too slow for the Sun.

— and WATCHES; exactly calculated to every Minute of Variation, or Difference in Time.

Of the Inequality of Natural Time, and the right Adjusting and Managing of Pendulum Clocks and Watches.

The Day is of two Sorts, *Mean* and *Solar*. The Mean or Equal Day is always 24 Hours exactly, and is the Day which all good Pendulum Clocks and Watches should exactly measure. The Solar, Apparent, or Natural Day, is pointed out by a good Sun-Dial; or is that Space of Time that intervenes between the Sun's leaving a given Meridian in the Heavens, and returning to it again; and does almost perpetually differ from the Mean or Equal Day; and consequently a good Pendulum Clock, accurately adjusted, will almost perpetually differ from an exact Sun-Dial. In the preceding Table, you have the Quantity of this Difference in Minutes, for every Day in the Year; with the Titles Add. or Sub. which signifies thus much: If you can gain the exact Apparent Time of the Day, either by the Sun's Rising, Setting, Transiting the Meridian, or by a good Sun-Dial, and would set your Clock or Watch to go with the exact Equal Time, as it always should do; then, in this Table, find the Number of Minutes standing against the Day of the Month propos'd, and observe the Title above, if Add. or Sub. for according to the Title you must apply the said Minutes to the Apparent Time, and the Sum or Difference will be the exact Equal Time required; to which you must set your Clock or Watch.

*Example I.* Suppose Feb. 16, I observe by a good Sun-Dial when it is exactly 10 o'Clock; then against the 16th of February in this Table I find 15 Min. Add. which makes 10 Hours 15 Minutes, the exact Equal Time which should be shewn by the Clock, at the same Time the Dial shews exactly 10 Hours.

*Example II.* On the 26th Day of October, suppose I observe by a good Dial when it is exactly 10 o'Clock, then against the 26th of October stands 16 Minutes Sub. which leaves 44 Minutes after 9 for the Time to be shewn by your Clock.

By W. ANDREWS, Student in *Astrology*.

A REGAL TABLE of all Kings and Queens of *England*, since EGBERT last King of the Saxons, and first King of *England*.

Number.	Kings Names.	Began to Reign	Reign'd.	Number.	Kings Names.	Began to Reign	Reign'd.
1	Egbert	819	18	28	Henry III.	1216	56
2	Ethelwolf	837	20	29	Edward I.	1272	85
3	Ethelbald	857	8	30	Edward II.	1307	49
4	Ethelbert	860	6	31	Edward III.	1327	50
5	Ethelred I.	866	6	32	Richard II.	1377	22
6	Alfred	872	29	33	Henry IV.	1399	43
7	Edward I.	901	24	34	Henry V.	1413	19
8	Aethelstan	924	16	35	Henry VI.	1422	38
9	Edmund I.	940	6	36	Edward IV.	1461	21
10	Eldred	946	9	37	Edward V.	1483	10
11	Edwin	955	4	38	Richard III.	1483	2
12	Edgar	959	16	39	Henry VII.	1485	44
13	Edward II.	975	4	40	Henry VIII.	1509	38
14	Ethelred II.	979	37	41	Edward VI.	1547	6
15	Edmond II.	1016	2	42	Queen Mary I.	1553	5
16	Canutus I.	1017	20	43	Queen Elis.	1558	44
17	Harold I.	1037	4	44	James I.	1602	42
18	Canutus II.	1040	2	45	Charles I.	1625	23
19	Edw. III. Conf.	1042	24	46	Charles II.	1648	36
20	Harold II.	1056	1	47	James II.	1684	4
21	William I. Con.	1067	20	48	{ Wm. III. }	1688	13
22	William II. Ruf.	1087	13		{ Q. Mary II. }		6
23	Henry I.	1100	35	49	Queen Anne	1701	13
24	Stephen	1135	19	50	George I.	1714	13
25	Henry II.	1154	35	51	George II.	1727	33
26	Richard I.	1189	10	52	George III.	1760	
27	John	1199	17		Whom God preserve		

A TABLE of some principal fix'd Stars, with the Time they rise, south, and set, either before or after the seven Stars; as also their Colour, Magnitude, and meridian Altitude, by which they may be readily discover'd.

Co- lour.	Mag.	Alt.	Names of the Stars	Rise.		South.		Sets.	
				H.	M.	H.	M.	H.	M.
♂	1	53	Aldebaran, or Bull's Eye	1	a 34	0	a 48	0	b 0
♂	1	29	Left Foot of Orion	4	31	1	31	1	34
♂	2	36	Middle * in Orion's Belt	4	13	1	51	0	35
♂	1	45	Right Shoulder of Orion	3	23	2	8	0	8
♂	1	21	Sirius, the great Dog	6	51	3	1	0	48
♂	2	43	Procyon, the little Dog	5	33	3	53	2	a 7
♂	1	30	Heart of Hydra	8	39	5	41	2	44
♂	1	51	Regulus, Lion's Heart	7	26	6	21	5	16
♂	1	54	Deneb, the Lion's Tail	8	42	7	54	7	7
♂	1	28	Virgin's Spike	12	46	9	38	6	36
♂	1	58	Arcturus	10	47	10	30	10	12
♂	1	12	Antares, Scorpion's Heart	17	36	12	39	7	42
♂	2	46	Bright Star of the Vulture	17	38	16	3	9	b 27
♂	1	6	Fomabant	1	14	19	11	10	37
♂	2	65	Head of Andromeda	19	43	20	19	2	56

**T**HE brightest of the seven Stars is of the third Magnitude, and hath 65 Degrees of meridian Altitude, and in Colour participates of the Moon and Mercury.

2. The fix'd Stars all rise, south, and set about four Minutes sooner every Night, than they did the Night before. This consider'd, the exact Time of their rising, southing, and setting, for any intermediate Night, not herein noted, may be very easily deduced from this Table, by Inspection only.

To know the Time of the rising, southing, and setting of any Star in this Table, for any Day requir'd, it is but considering how many Hours and Minutes that Star rises, souths, or sets, either before or after the seven Stars, on that Day, and you shall have your Desire; observing, that in this Table a stands for after, and b for before.

Andrews, 1768.

A Brief Chronology of Memorable Things since the Creation  
of the World.

	Years.
THE Creation of the World	5778
Noah's Flood	4328
The Building of London	2875
The Building of York	2757
The Building of Canterbury	2666
The Building of Stamford	2631
The Building of Leicester	2612
The Building of Rome	2521
Alexander died	2088
Julius Cæsar slain	1811
St. Peter and St. Paul put to Death	1694
The Destruction of Jerusalem by Titus	1681
England first received the Christian Faith	1578
St. Augustine died	
Duke William conquered England	702
St. Paul's Church the first Time burnt	682
Westminster-hall was built	669
The first Lord-Mayor of London	569
The Bible divided into Chapters	574
London-Bridge was built with Stone	564
The Invention of Guns	559
The Thames frozen from St. Andrew's till Candlemas	499
An exceeding hot Summer, many died through Extremity of Heat	479
Abundance of Rain in Harvest, so that Horses, Dogs, &c. were eaten	
Tamerlane the Scythian slew 20,000 Turks, and took Bajazet the Emperor, and bound him in Fetters of Gold, and carried him about in an Iron Cage	371
A Pestilence in London, whereof died 30,000	
Richard Whittington, four Times Lord-Mayor of London, was buried in St. Michael's Royal in Thames-Street	358
The Art of Printing	
Coaches came into England	313
St. Paul's Steeple fired	207
The great Massacre in France	196
The	



# Andrews, 1768.

The new Star in <i>Cassiopeia</i>	196
The Calendar was corrected	186
The Camp at <i>Tilbury</i> in <i>Essex</i>	180
The Powder-Plot	172
King <i>Charles I.</i> was born	168
A great Plague in <i>London</i>	164
The great Frost	161
The Comet or Blazing Star, <i>Nov. 18.</i>	160
King <i>Charles II.</i> was born	138
The Long Parliament began <i>Nov. 3.</i>	128
The great Rebellion in <i>Ireland</i> began <i>Oct. 23.</i>	128
The Battle at <i>Edgehill</i> , <i>Oct. 23.</i>	127
The Fight at <i>Brentford</i>	125
The <i>Scotch Army</i> of 20000 Horse and Foot entered <i>England</i>	124
<i>Marston-Moor</i> Fight	124
<i>Newberry</i> Fight, <i>Oct. 28.</i>	124
The Archbishop of <i>Canterbury</i> was beheaded, <i>Jan. 10.</i>	123
<i>Naseby</i> Fight	123
The Scots routed in <i>Lancashire</i> by <i>O. C.</i>	123
King <i>Charles I.</i> murdered, <i>Jan. 30.</i>	120
<i>D. Hamilton</i> , <i>L. Capel</i> , & <i>E. of Holland</i> , beheaded	120
<i>Colchester</i> taken	120
<i>Worcester</i> Fight	117
The Long Parliament was pulled out by <i>O. C.</i>	115
<i>Dunkirk</i> delivered to the <i>English</i>	110
<i>Sir Henry Slingsby</i> and <i>Dr. Hewytt</i> beheaded	110
<i>Oliver</i> died	110
General <i>Monk's</i> March from <i>Scotland</i> to <i>London</i>	110
The Lord <i>Monk</i> brought in the secluded Members	108
The Healing Parliament, <i>April 25.</i>	108
<i>K. Charles II.</i> happily arrived in <i>London</i> , <i>May 29.</i>	108
<i>K. Charles II.</i> crown'd at <i>Westminster</i> , <i>April 23.</i>	107
Two Comets appeared in four Months Time	103
The great Plague in <i>London</i> , whereof died 100000	103
The deplorable Fire in <i>London</i> , <i>Sept. 2, 3, 4, 5.</i>	102
Peace agreed betwixt the <i>English</i> and <i>Dutch</i>	94
The great Snow	94
<i>Sir Edmund-Bury Godfrey</i> was murdered	90
The great Comet in <i>December</i>	88

# *Andrews, 1768.*

The Lord <i>Russel</i> beheaded, <i>July 21.</i>	85
King <i>James</i> crowned, <i>April 23.</i>	83
The Rebellion in <i>Scotland</i> began <i>May 13.</i>	83
The late Duke of <i>Monmouth</i> beheaded <i>July 15.</i>	83
The seven Bishops sent to the <i>Tower</i> , <i>June 8.</i>	80
The Prince of <i>Orange</i> landed, <i>Nov. 5.</i>	80
K. <i>William</i> and Q. <i>Mary</i> crowned, <i>April 11.</i>	79
King <i>William</i> reduced <i>Ireland</i>	78
The <i>French</i> Fleet beaten by the <i>English &amp; Dutch</i> , whereby the <i>French</i> lost 20 capital Ships }	76
The Plot for assassinating King <i>William III.</i>	82
The general Peace concluded	70
King <i>William</i> died	66
Queen <i>Anne</i> crowned, <i>April 23.</i>	66
The great Wind, <i>November 27.</i>	65
<i>Gibraltar</i> was taken by the <i>English</i> and <i>Dutch</i>	64
The Victory at <i>Hochsted</i>	64
The Battle of <i>Ramillies</i>	62
<i>England</i> and <i>Scotland</i> made <i>Great-Britain</i>	61
Peace concluded with <i>France</i>	55
King <i>George I.</i> crowned, <i>October 20.</i>	54
The Rebellion in <i>Scotland</i> and <i>Lancashire</i>	53
The great Frost and Snow	53
King <i>George I.</i> died, <i>June 11, 1727.</i>	48
King <i>George II.</i> crowned, <i>October 11.</i>	41
War declared against <i>Spain</i>	29
A severe Frost from <i>Dec. 25.</i> to <i>Feb. 27.</i>	28
War declared against <i>France</i>	23
The Rebellion in <i>Scotland</i> defeated	21
The Peace signed, <i>October 7.</i>	20
<i>Frederick</i> Prince of <i>Wales</i> died <i>March 21.</i>	17
Date and Calendar altered	16
King <i>George II.</i> died <i>October 25.</i>	8
King <i>George III.</i> began to reign	2
King <i>George III.</i> and Q. <i>Charlotte</i> crowned <i>Sept. 22.</i>	7
A great Snow for 18 Days together in <i>Feb.</i> and <i>March.</i>	6
Peace concluded between <i>France</i> and <i>Spain</i> with <i>Engl.</i>	5
Prince of <i>Wales</i> born <i>August 12.</i>	6
Prince <i>Frederick</i> born <i>August 16.</i>	5
Prince <i>William-Henry</i> born <i>August 21.</i>	3
Princess <i>Royal</i> born <i>Sept. 29.</i>	2

Observations

*Andrews, 1768.*

Observations by **WILLIAM ANDREWS**,  
Student in *Astrology and Physick*.

---

*When I behold, O Lord, the heavenly Bodies, the Sun, and Moon, and Stars, which thou hast ordained; oh, what is Man that thou regard'st him, or the Son of Man, that thou takest any Notice of him! Psal. viii. v. 4.*

---

*Of the FOUR QUARTERS of the Year.*

**FIRST**, Of the **WINTER QUARTER**; which commenceth on Monday the 21<sup>st</sup> day of December, 1767; at 17 minutes past 6 in the afternoon: at that time 1 deg. of Cancer is posited in the 10<sup>th</sup> house, and 1 deg. of Libra ascends the eastern horizon, where the Moon is separating from the opposition of Saturn, and the Sun applying to the ☿ of ♄ from Cancer and Capricorn.

**The SPRING QUARTER**

Takes its beginning on Sunday the 30<sup>th</sup> day of March, at two o'clock in the morning; then the glorious body the Sun entering into the fiery sign Aries, makes the day and night of equal length: at that time 18 deg. of Libra culminates, or in the 10<sup>th</sup> house, and 20 degrees of Sagittarius will be then ascending in the east.

**The SUMMER QUARTER**

This Quarter commenceth on Tuesday the 21<sup>st</sup> day of June, at 21 minutes past midnight; when 8 degrees of Sagittarius will be on the cusp of the ascendant, and 7 deg. of Libra on the *medium caeli*; at which time the Sun enters into the watery sign Cancer, and the Earth into Capricorn, an earthly sign.

**The AUTUMNAL QUARTER.**

The beginning of this Quarter is on Friday the 23<sup>d</sup> day of September, at 2 o'clock in the afternoon; at that time the Sun enters the tropical sign Capricorn, 9 deg. of Virgo ascends on the eastern angle, and 2 deg. of Gemini culminates.

*Andrews,* 1768.

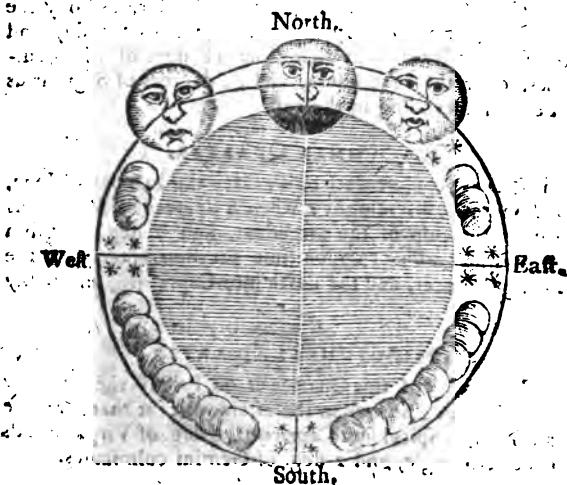
Of the ECLIPSES for this present Year.

**T**HERE will be five Eclipses this year, viz. two of the Sun, and three of the Moon; but those of the Moon only will be visible in the horizon of Great-Britain.

The first is a partial and a visible Eclipse of the Moon, on Monday the fourth day of January, which will be seen at London if the air be clear in the morning: it may be expected to correspond with the following type and calculations.

	d.	h.	m.	s.	
Beginning of Eclipse, at Stamford,	4	3	16	57	} Ap. time.
Ecliptic opposition	-	-	4	18	
Mid-Eclipse, or greatest obscuration	4	25	49		
The end of the Eclipse	-	-	5	34	
The total duration	-	-	2	17	
Digits eclipsed	-	-	4	43	

Semidiameter of the Earth's shadow	40	47	} South decl.
Semidiameter of the Moon	15	39	
Moon's latitude {	at beginning	47	29
	middle	44	7
	at the end	40	50



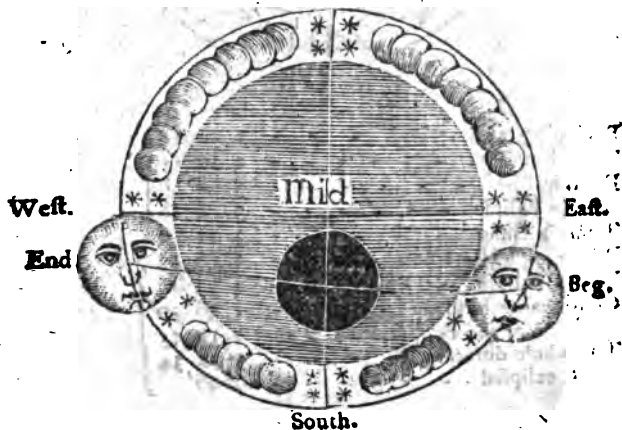
*Andrews, 1768.*

The second Eclipse is an invisible one of the Sun, which will fall on Tuesday the 19th day of January, at 6 at night.

The third Eclipse is a total one of the Moon, which happens on Thursday the 30th day of June, in the morning; but it will be but partly visible in our island of Great-Britain, by reason the Moon will set totally eclipsed some few minutes after the middle of the Eclipse: it may be expected to correspond with the following type and calculations.

	d.	h.	m.	s.	
Beginning of Eclipse, at Stamford	30	2	18	18	} Ap. time.
The total immersion - - - - -		3	15	18	
Ecliptic opposition - - - - -		3	37	39	
Middle of the Eclipse - - - - -		3	43	36	
The beginning of the emerfion - - - - -		4	11	54	
Continuance of Eclipse in the shade		0	56	36	
The end of the Eclipse - - - - -		5	26	56	
Duration of the Eclipse - - - - -		3	26	36	}
Digits eclipsed - - - - -		13	44		
Semidiameter of the Earth's shadow		40	39		} South decl.
Semidiameter of the Moon - - - - -		15	32		
Moon's latitude { at beginning - - - - -		24	44		
middle - - - - -		20	38		
at the end - - - - -		14	54		

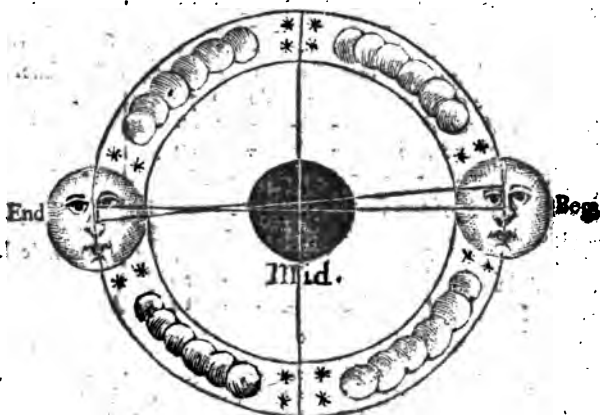
North.



*Andrews, 1768.*

The fourth is an Eclipse of the Sun, on Thursday the 14th day of July, at 2 in the morning, therefore it will be invisible to the inhabitants of Great-Britain; so I shall forbear making any further remarks thereon.

The fifth is a very great and total Eclipse of the Moon, but only the latter end will be visible in Great-Britain, by reason the Moon will not rise till half an hour after the middle of the Eclipse: It will happen on Friday the 23d of December, which according to the type and calculations are as follows:



	h.	m.	s.
Beginning, at Stamford	1	22	11
Total Emerſion	2	20	13
Ecliptical ☉	3	8	8
Middle Eclipse	3	8	28
Time > riſing	3	40	0
Beginning of Emerſion	3	56	43
End of Eclipse	4	54	45
Continuance in ſhade	1	36	30
Duration of the Eclipse after > riſes	1	14	45
The whole duration	3	32	34
-eclipsed	20	46	

Semi-

	m.	f.	
Semidiameter of the Earth's shadow	44	47	
Semidiameter of the Moon	16	24	
Moon's latitude	at beginning	9	22
	at middle	8	48
	at the end	8	57

South decl

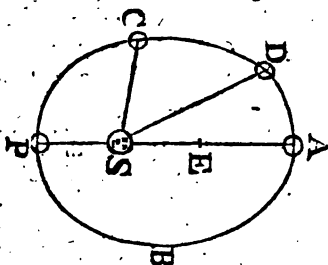
*Of Hypochondriac and Hysterick Disorders.*

**W**HEN the mind is disordered by some grievous accident, the animal spirits run into irregular motions, the urine is sometimes limpid and in good quantity; the sick casts off all hopes of recovery. The great irregular motions are according to the greatness of the accidents, and are much more vehement in women than in men, in whom it many times causes first vapours, then fits: but the dreadful apprehensions of being incurable oftener seize on men than on women. In this case the sick ought to be first purged with physick three or four several times, as the habit, constitution, and strength will bear it; and afterwards the viscera ought to be corroborated with some few doses of *Eclegma Sudarificum*: if it affects with vapours or hysterick fits, you must exhibit for some considerable time this mixture: Take *Potestatis Hysterica* 60 or 70 drops; volatile salt of amber seven grains; mix them for a dose, which give in a glass of cold water. Whatsoever part of the body the disease doth affect (and it affecteth many) presently the symptoms that are proper to that part appear; thus, if it affects the head, the apoplexy, which ends in a palsy of half the body, comes presently after. Child-bearing women sometimes are affected with convulsions that very much resemble the epilepsy, and are commonly called the fits of the mother, in which the belly and entrails rise up towards the throat: at other times they are miserably tormented with hysterical prickings and shootings, in which there is a violent pain in the head. The sick in the mean time may be supplied with a medicine which will cure it, and is prepared and sold by Edward Sharpe, on St Peter's Hill, in Stamford, Lincolnshire.

Of PLANETOGRAPHY, or the Philosophy of the Planets.

THE word Planet is a Greek word, and derived from the verb to wander or stray, whence the English of this word is a wandering star. There are two sorts of Planets or wandering stars, the first are called primary Planets, the other secondaries, or moons, or satellites; but the primary Planets, viz. Mercury, Venus, the Earth, Mars, Jupiter, and Saturn, are principally here intended as the subject of our present discourse, and the secondaries we will only consider amongst the accidents of the primaries. Since a Planet hath its name from its motion, we will first begin with the motions of the Planets, and in what order, form, and manner they move.

The Sun is the center of our system, about which the Planets all revolve in different distances: 1. Mercury; 2. Venus; 3. Earth; 4. Mars; 5. Jupiter; and 6. Saturn. The form of their motion is elliptical more or less, and not perfectly circular, and they all move round the Sun in such a manner as to describe equal areas of space in equal times.



I can illustrate this matter by a scheme that may be done very easily: Thus let S be the Sun, A B P C E the elliptical orb of the Planet P; then the part of the orb P is called the perihelium, being the nearest distance from the Sun; and the part A called the aphelium,

being the farthest distance from the Sun; and S E is called the eccentricity of the Planet; and as this eccentricity is more or greater, so the orb of the Planet is less or more elliptical. See Fig. A E S P. I will shew what is meant by a Planet describing equal areas in equal times. This is no more to say, if the times in which the Planet moves in his orbit from P to C, and from C to D, and from D to A, be equal each other; then the areas or spaces P S C, C S D, D S A

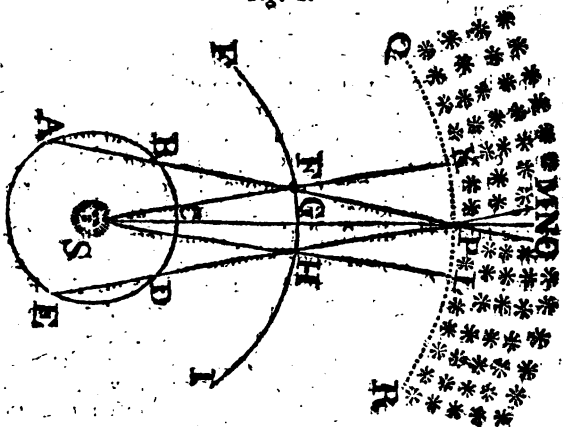
D



DSA, described in those equal times by lines drawn from the Planet to the Sun, will also be equal among themselves, and the contrary. The Planets do not move equal distances in their orbs in equal times, for the velocity of a Planet's motion is different in every part of its orb, being sometimes greater and sometimes less: this happens or is caused by gravity, or the attraction of the sun; for when the Planet is in P, the Sun attracteth it most strongly; and therefore the motion there and thereabouts is greater than any where else. Again, when the Planet is in its aphelium at A, at its greatest distance from the Sun, it is then least affected by the power of gravity; and consequently the motion there and thereby is the least and slowest of any place in the orb; but when the motion is so unequal, the arches PC, CD, DA, must needs be so too, though described in equal times, in Fig. 1. You must conceive it to be so now, as you do not think of the Sun's attraction. Since therefore those areas are always proportional to the times, that proportion of gravity or attraction will produce this. The power of gravity is always reciprocally as the squares of the distances of the Planet from the Sun: Thus, suppose the distances SP, SC, SD, SA, were as the numbers 5, 6, 9, 10; then the power of attraction in those distances would be reciprocally as their squares, viz. 100, 81, 36, 25; so that it would be four times greater in the perihelium P, than in the aphelium A: and this is the constant law of all the Planets, both primary and secondary. There are other affections observable of the planetary motions: for the Planets, as I have told you before, all move about the Sun in reality from West to East; and yet they sometimes appear to move the contrary way from East to West, and sometimes not to move at all; and thus they are said to be direct, stationary, and retrograde. This I will explain to your apprehension by a clear and easy scheme: let S (in the scheme Fig. 2.) be the Sun, ACE the orb of the earth, and FGI a part of the orb of any one of the superior Planets, suppose Jupiter; also let QR represent the arch of the starry heavens, wherein we see and determine the places and motions of all the Planets: Now, suppose the angular motion of the Earth be so much greater than that of Jupiter, that while the Earth describes the arch ECA, Jupiter shall only describe the arch HGF; then it is

so conceive, that when the Earth is in E, the Planet at H will be seen among the Fixed Stars at M, and so he will also when the Earth is arrived at D; therefore all the time the Earth is passing from E to D, the Planet will seem to stand still about M, and is said to be stationary. Again, when the Earth is arrived at C, the Planet will really be moved forwards to G, but will be seen from the Earth at C, among the Stars at N; wherefore while the Earth passeth Eastward from D to C, the Planet will appear to move Westward from M to N in the heavens, which is backward; also while the Earth moves from C to B, the Planet will still seem to move backwards from N to O, where it will again be stationary till the Earth comes to A. While the Earth passes from E to D, and from B to A, the Planet Jupiter will appear not to move in the points M and O; and then he is said to be stationary. Also while the Earth is passing from D by C to B, and though Jupiter really moves in his orb from H to F Eastward, yet he will seem to as to move from M to O Westward, or backwards, and during that time is said to be retrograde.

Fig. 2.



THE  
*Gentleman's Diary,*  
OR THE  
MATHEMATICAL REPOSITORY;  
**An ALMANACK**  
For the YEAR of our LORD 1768.  
BEING

The BISSEXTILE, OR LEAP-YEAR.  
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**M A T H E M A T I C K S.**

The Twenty-eighth *Almanack* published of this Kind  
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With wise Intent  
The Hand of Nature on peculiar Minds  
Imprints a diff'rent Byass, and to each  
Decrees its Province in the common Toil.  
To some she taught the Fabric of the Sphere,  
The changeful Moon, the Circuit of the Stars,  
The golden Zones of Heav'n: to some she gave  
To weigh the Moment of eternal Things,  
Of Time, and Space, and Fate's unbroken Chain,  
And Will's quick Impulse. ————— AKENSIDE.

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Printed for the Company of STATIONERS  
M.DCC.LXVIII.

[Price Nine-pence stitch'd.]

**A**LL Persons who please to be CONTRIBUTORS to this **DIARY**, by answering the *Questions, Enigmas, &c.* or by sending *new ones*, or any other useful, entertaining and improving *Subjects* proper for this *Work*; are earnestly desired to send *them*, and their *Solutions at large along with them* (otherwise they need not expect their *Publication*) before the first Day of *May 1768*: Directed, for the *Author of the Gentleman's Diary*; and to be left with Mr. HENRY CROPPER, *Attorney at Law*, in *Longborough*, who will forward them to the *Author*.

## P R O P O S A L S

FOR MAKING, and PUBLISHING by SUBSCRIPTION,  
A new and accurate MAP of the County of LEICESTER,  
From an actual Survey of the same.

By THOMAS PEAT, of *Thringston*, Surveyor, and Assistants.

In this *Map* will be particularly noted and planned all the Market Towns, with their true Distances, and all notable Villages thro' which any principal Roads do pass. The Place and Distance of every Village will be truly ascertained, and expressed. All the great Roads, and Turn-pikes, will be taken and laid down from Chain Measure, as also the smaller from one Village to another, and a proper Distinction preserved. The County will be truly bounded, and properly divided according to its several Hundreds. The *Forest Boundaries*, and those of the large Commons, will be pointed out. The Course of all the Rivers and Rivulets, will be exactly described. The several Seats of the Nobility and Gentry, will be truly fixed in this *Map*. All Places noted for Curiosities in Nature, as *Minerals, &c.* or for *Antiquities*, or any remarkable Occurrences, will be taken Notice of in such manner as to render it also a general View of the natural History of the COUNTY. Also the LATITUDE of every Market Town will be accurately determined, together with its LONGITUDE from the Meridian of LONDON, &c.

## C O N D I T I O N S.

This Work will be Engraved by the best Hands; and decorated with the Arms of such of the Nobility and Gentry, as choose to have them emblazon'd; and other proper Embellishments, so as to render the Whole as complete as any Thing of the Kind.

The Scale is proposed to be one Statute Mile in an Inch.

The Price to Subscribers will be Half a Guinea; Five Shillings to be paid in the Course of the Survey, and the Remainder on Delivery of the Map; except those who have their Arms in the Margin; who are to pay Half a Guinea, at Subscribing, and Half a Guinea more on the Delivery.

The Work will be carried on with all convenient Expedition, provided the Projectors meet with a proper Encouragement, adequate to so large an Under-taking; and whoever will be so kind, are desired only to send their Names to Mr. JOHN GREGORY, Printer, in Leicester: As no Subscription Money will be required, before a proper Judgment can be formed.

N.B. Lands survey'd, divided, and inclosed; and Maps of the same correctly delineated; also Timber valued, Houses, and other Buildings, designed, drawn, surveyed, and estimated, by the said THOMAS PEAT late of *Nottingham*, now of *Thringston*, in the County of Leicester.

All Letters are desired to be sent Post paid.

# JANUARY hath xxxi Days.

Full Moon the 4th }  
 Last Quarter the 12th } Day at { a Quart. past 4 Morn.  
 New Moon the 19th } { 4 m. past 4 Morning.  
 First Quarter the 26th } { 10 m. past 6 at Night.  
 Half past Noon.

21	1	F	<b>Circumcision, or New Year's-D.</b>	5	M40
22	2	S	Days are already upon the incr.	6	43
23	3	C	<b>2d Sunday aft. Christmas.</b>	7	35
24	4	M	but will incr. faster in a few weeks.	Rises	
25	5	Tu	Old Christmas Day	5	A37
26	6	W	<b>Epiph. CHARLOT'S app. to Gent.</b>	6	51
27	7	Th	Salisbury, Wiltshire.	8	2
28	8	F	Lucian, Priest and Mart.	9	12
29	9	S	Canterbury.	10	23
30	10	C	<b>3 Sunday after Epiphany.</b>	11	31
31	11	M	Day 8 hours and 8 min. long	Morn.	
1	12	Tu	Old New Years Day.	0	43
2	13	W	Hilary, Preston, Lanc.	1	55
3	14	Th	Days increas'd 35 minutes.	3	4
4	15	F	Barston, Yorksh. Nottingham.	4	13
5	16	S	Hickford, Lan.	5	20
6	17	C	<b>4 Sunday after Epiphany.</b>	6	15
7	18	M	<b>Queen CHAR. Birth-day kept.</b>	6	59
8	19	Tu	Day 8 hours and a half long.	Sets	
9	20	W	In eight Days of St. Hilary. 1 Ret.	5	A28
10	21	Th	Agnes, Virgin and Mart. Bristol.	6	55
11	22	F	Vincent. Derby.	8	19
12	23	S	<b>Term begins.</b>	9	47
13	24	C	<b>5 Sunday after Epiphany.</b>	11	16
14	25	M	<b>Conversion of St. Paul.</b>	Morn	
15	26	Tu	Days increased 1 hour 8 minutes.	0	43
16	27	W	From the Day of St. Hil. in 15 D.	2	3
17	28	Th	Days are now 8 hours 54 m. long.	3	17
18	29	F	Grampound, Cornwall.	4	24
19	30	S	<b>K. CHAR. I. Mart.</b>	5	26
20	31	C	<b>Sextagesima Sunday.</b>	6	6

MD	⊙ Rises	⊙ Sets	☾ Sout.	☾ Rises	☾ Riv.	☾ Rif.	DBreak
1	8h 4	3 56	11 N 11	1 M 3	4 M 57	4 M 25	59
6	8 1	3 59	10 47	0 44	4 54	4 8	57
11	7 56	4 4	10 23	0 25	4 51	4 12	53
16	7 50	4 10	9 58	0 6	4 47	4 20	49
21	7 44	4 16	9 35	11 N 47	4 41	4 24	44
26	7 36	4 24	9 14	11 28	4 41	4 30	38

# FEBRUARY hath xxix Days.

M	D	Dec	South.
1	17	9	
6	15	4	
11	14	5	
16	12	24	
21	10	38	
26	8	4	

1001 the 2d }  
 1002 the 11th } Day at {  
 1003 the 18th }  
 1004 the 24th }

Half past 8 at Night.  
 26 m. past Midnight.  
 6 in the Morning.  
 9 at Night.

W Sundays, Holy and remark. Days, D Rises Moon  
 D Length, Inc. and Dec. Terms, Fairs, & Sets. South.

M	Days increas'd 1 h. 28 min.	Fast.	0M39	11 A	10
Tu	Purif. Blef. Vir. Mary.		Rises.	Morn.	
W	On the Mor. of the Purif. Blasius, B.		5 A 38	0	41
Th	Axbridge, Bath, Som. Boatsfold, La		6 50	1	30
F	Agatha. Bodmin, Corn. Graves. K.		7 58	2	9
S	Day 9 hours 26 min. long,		9 12	2	50
C	Sexagesima Sunday.		10 22	3	31
M	Namptwich; C. Stamford, L. the 9th		11 31	4	12
Tu	In 8 Days of the Purif. B. V. M.		Morn.	4	57
W	Days increased 2 hours.		0 44	5	45
Th	Llandysfel, Monm.		1 53	6	36
F	Term Ends.		2 59	7	30
S	Old Candlemas Day.		3 57	8	25
C	Quin. Sund. Shrove Sund. Valent.		4 48	9	22
M	Blaise, Corn. Box Grove, Shropsh.		5 28	10	18
Tu	Day 9 hours and 58 min. long.		5 57	11	14
W	Ash-Wednesday. First Day of Lent.		6 21	Aftern.	
Th	Nun-Eaton, Warwickshire.		Sets.	0	8
F	Beverly, Yorkshire.		7 A 19	1	0
S	Days are now incr. 2 h. 34 min.		8 47	1	52
C	1st Sun. in Lent.		10 17	2	45
M	Norton, Oxfordshire.		11 45	3	40
Tu	Godalming, Surrey.	Fast.	Morn.	4	36
W	St. Matthias. A. & M. Emb. Week.		1 5	5	34
Th	Feverham, Kent. Llanfechel, Ang.		2 18	6	32
F	Oundle, Northamptonshire.		3 19	7	28
S	Days 10 h. 44 m. long.		4 9	8	23
C	2d Sunday in Lent.		4 44	9	14
M	Chesterfield, Derbyshire.		5 10	10	2

D	Rises	Sets	hou.	U Rises	U Rises	Q Rises	DBreak	Cl. bef	Q
7	26	4 34	8 N 50	11 N 2	4 M 38	4 M 40	5 30	14	8"
7	18	4 43	8 30	10 42	4 34	4 44	5 22	14	38
7	9	4 52	8 10	10 22	4 30	4 50	5 14	14	46
7	2	4 59	7 51	10 2	4 25	4 55	5 6	14	38
6	53	5 7	7 31	9 42	4 21	4 59	4 57	14	9
6	41	5 20	7 0	9 22	4 18	5 04	4 48	12	25

# MARCH hath xxxi Days.

[M] [D] [C] [Dec] [South]

Full Moona the 3d  
Last Quarter the 11th  
New Moon the 18th  
First Quarter the 25th

Day at { 40 m. past 2 Afternoon.  
10 m. past 6 at Night.  
4 in the Afternoon.  
8 in the Morning.

170 16  
65 21  
123 24  
161 25  
210 N 33  
262 31

18	1	Tu	David, <i>Galgath</i> , Breckn.	5	M	32	10	A	4
19	2	W	Chad. <i>Stockp</i> Chesh. <i>Thursk</i> , York.	5	47	11	28		
20	3	Th	Days increased 3 hours 24 min.	Rises.			Morn		
21	4	F	<i>Melton-Mowbray</i> , Leicestershire.	7	A	1	0	50	
22	5	S	Princess of HESSE born. 1722.	8	8	1	31		
23	6	B	3d Sunday in Lent.	9	21	2	13		
24	7	M	Perpe, <i>Notting</i> . <i>Uppingham</i> , Rutl.	10	30	2	56		
25	8	Tu	Days increase very fast at this time,	11	40	3	43		
26	9	W	getting 4 minutes a Day.	Morn.		4	32		
27	10	Th	Day 11 hours and 32 min. long.	0	48	5	20		
28	11	F	Days incr. 3 hours 56 min.	1	49	6	18		
1	12	S	Greg. <i>Culliford</i> , D. <i>Madrin</i> , Kent.	2	41	7	13		
2	13	B	Midlent Sunday.	3	26	8	8		
3	14	M	<i>Brimwelbank</i> , Norf. <i>Northop</i> , Fl.	4	1	9	2		
4	15	Tu	<i>Langadock</i> , Caerm. <i>Oakham</i> Rutl.	4	25	9	56		
5	16	W	<i>Penfance</i> , Cornwall.	4	45	10	48		
6	17	Th	<i>Hariff</i> , Hunt. <i>Malmesbury</i> , Wilts,	5	7	11	40		
7	18	F	Ed. <i>Loughbro'</i> , Leic. <i>Worksep</i> , Nqt.	Sets.			Aftern.		
8	19	S	Prs. LOUISA ANNE, born 1749.	7	A	51	0	37	
9	20	B	5 Sund. in Lent.	9	20	1	32		
10	21	M	Benedict. <i>Downes</i> , Devon.	10	48	2	30		
11	22	T	Now the Days get long. than Nig.	Morn.		3	30		
12	23	W	<i>Skipton</i> , Y. <i>Woburn</i> , B. <i>Wrexham</i> , D.	0	35	4	30		
13	24	Th	<i>Lanercemith</i> , Caerm. (Fast.	1	16	5	20		
14	25	F	Ann. bl. V.M.	2	7	6	20		
15	26	S	<i>Gloucester</i> . <i>Namptwich</i> , Chesh.	2	48	7	18		
16	27	B	Palm Sunday.	3	18	8	7		
17	28	M	<i>Cobham</i> , Surrey, <i>Partington</i> , York.	3	43	8	52		
18	29	Tu	<i>Stourbridge</i> , Worcestershire.	3	59	9	30		
19	30	W	Day 12 hours 48 min. long.	4	15	10	16		
20	31	Th	Maundy-Thursday.	4	27	10	57		

M D	☉	Rises	☉	Sets	h	Sets	♂	Rif.	♂	Rif.	♀	Rif.	DBreak	Cl.	bes.	☉
1	6	33'	5	28	2	M 59	9	N 4	4	M 15	5	M 0	4	43	12'	41"
6	6	23	5	38	2	42	8	44	4	9	5	0	4	32	11	32
11	6	13	5	48	2	25	8	24	4	3	5	0	4	21	10	12
16	6	5	5	56	2	8	8	3	3	57	4	56	4	10	8	46
21	5	57	6	4	1	51	7	42	3	51	4	50	4	0	7	15
26	5	4	5	16	1	32	7	21	3	45	4	46	3	48	5	40

# APRIL hath xxx Days.

[M] [D] © Dec. North.

all Moon the 2d }  
 1st Quarter the 10th } Day at {  
 New Moon the 16th } 8 in the Morning.  
 1st Quarter the 23d } 8 in the Morning.  
 Half past Midnight.  
 A quart. past 9 at Night.

1	40	50
6	6	45
11	8	36
16	10	24
21	12	7
26	13	49

1	1	F	Good Friday, Coventry, Warwick.	4	M	41	11	A	38
2	2	S	Salisbury, Wilts. Lutterworth, Leic.	Rifes.				Morn.	
3	3	B	Easter-Day, Our Saviour's Resur.	8	A	27	1	2	
4	4	M	Easter Monday.	9	34	1	47		
5	5	Tu	Easter Tuesday Old Lady-Day.	10	43	2	36		
6	6	W	Epping, Essex. Rochford, Essex.	11	48	3	28		
7	7	Th	Atterstone, Warwickshire.	Morn.		4	20		
8	8	F	Days incr. 5 hours 40 min.	0	43	5	13		
9	9	S	Day 13 hours 28 min. long.	1	28	6	6		
10	10	B	1st Sunday after Easter.	2	3	6	59		
11	11	M	Newport Pagnell, Bucks.	2	32	7	50		
12	12	Tu	Halfwistle, Nor. Hickfield, Hamp.	2	54	8	42		
13	13	W	Ashburn, Der. Budworth, Chesh.	3	14	9	33		
14	14	Th	Days increased 6 hours 4 min.	3	34	10	26		
15	15	F	Bewley, Hampsh.	3	56	11	20		
16	16	S	Ditton's Marsh, Wi. Piddle Town, D.	Sets.			Aftern.		
17	17	B	2d Sunday after Easter.	8	A	22	0	20	
18	18	M	From the D. of East. in 15 D. Derby	9	47	1	20		
19	19	Tu	Alphage. Cobham, Surrey.	11	4	2	22		
20	20	W	Term begins. Cank, Staf. Wor.	Morn.		3	22		
21	21	Th	Fenchamstead, Ber. Modbury, Dev.	0	2	4	21		
22	22	F	Gisbore', Y. Shrewsbury, Shropsh.	0	50	5	18		
23	23	S	St. George. Northampton, Southam.	1	27	6	9		
24	24	B	3d Sunday after Easter.	1	52	6	57		
25	25	M	St. MARK, Evan. 3 weeks fr. East.	2	12	7	41		
26	26	Tu	Days 14 hours and half long.	2	30	8	23		
27	27	W	Boroughbridge, Y. East Grinstead, S.	2	42	9	3		
28	28	Th	Sebam, Cambridgshire.	2	55	9	43		
29	29	F	Market-Harboro' Leic. Solybull, W.	3	7	10	24		
30	30	S	Days increased 7 hours.	3	21	11	7		

M	D	© Riser.	© Sets.	1/2 Sets.	1/4 Sout.	3 Rif.	2 Rif.	DBreak	C. bef.	©
1	5	33	6 28	1M 19	0M 28	3M 36	4M 40	3	33 3'	49"
6	5	23	6 38	1	4 0	3 26	4 33	3	20 2	19
11	5	13	6 48	0 40	11 N 48	3 16	4 26	3	6 0	54
16	5	4	6 57	0 32	11 28	3 6	4 19	2	54	oft. 24
			55 7	0 18	11 7	3 56	4 12	2	40 1	31
			46 7	1 0	3 10	4 47	4 4	2	23 2	27



# MAY hath xxxi Days.

M ☉ Deal  
D North.

Full Moon the 1st }  
Last Quarter the 9th }  
New Moon the 16th } Day at  
First Quarter the 23d }  
Full Moon the 31st }

half past Midnight.  
6 in the Afternoon.  
15 min. past 8 Morn.  
Noon.  
7 min. past 3 Aftern.

1 15 19  
6 16 45  
11 17 5  
16 19 17  
21 10 21  
26 21 16

20	1	B	8. of East. St. Ph. & Ia. May-D	Rises	11	53
21	2	M	From the Day of Easter in 1 Month.	8 A 4:1	Morn.	
22	3	Tu	Invention of the Cross.	9 47	1	30
23	4	W	Boston, L. Chesterfield, D. Tamworth, S	10 50	2	22
24	5	Th	Lowth, L. Monmouth, Stockunder. So.	11 37	3	15
25	6	F	Kendal, Westm. Uttoxeter, Staff.	Morn.	3	7
26	7	S	Bath City, Dunmow, Ess. Leek, Staff.	0 15	4	59
27	8	B	Rogat Sund.	0 39	5	50
28	9	M	From the Day of Easter in 5 weeks	1 3	6	40
29	10	Tu	Higham-Ferrers, Northamptonshire.	1 24	7	28
30	11	W	Roga ion Week. Dunstable, Bedf.	1 40	8	18
M 12	12	Th	Holy Thursday. Ch. Af. O. M. D	1 55	9	9
13	13	F	On the Morrow of the Ascension.	2 10	10	3
14	14	S	Denbigh, Wells, Som. Newark on Tr.	2 32	11	2
15	15	S	6th Sunday a'ter Easter.	3 0	Aftern.	
16	16	M	Term Ends. Ashford, Kent.	Sets.	0	6
17	17	Tu	Brentford, Middl. Holbeach, Linc.	9 A 5:1	1	8
18	18	W	Hatebury, Bucks. Llanydolo, Montg.	10 48	2	9
19	19	Th	On CHARLOTTE day, 1740	11 34	3	9
20	20	F	Galgath, Breckn. Wigham, Hants.	11 58	4	3
10 21	21	S	Afoburn, Derb. Cromstock, Devon.	Morn.	4	52
11 22	22	B	Whit Sun, Descent of the Holy G	0 17	5	38
12 23	23	M	Monday. Bagborough, Som.	0 34	6	21
13 24	24	Tu	Tuesday. Bath, Som. Marchfield, G.	0 52	7	2
1 25	25	W	Ember Week. Dagenham, Essex.	1 2	7	42
14 26	26	Th	Augustine. Porthaethbury, Anglesea.	1 16	8	23
16 27	27	F	Ven. Bede. Stortford, Hertfordsh.	1 20	9	5
17 28	28	S	Bala, Merioneth. Hadstock, Dev.	1 45	9	48
18 29	29	B	Trinity Sun. K. C. n. a. II. B. & J	2 5	10	34
19 30	30	M	On the Morrow of the H. Trinity.	2 31	11	24
20 31	31	Tu	Days increased 8 hours and half.	Rises	Morn.	

MD	☉ Rises	☉ Sets	☿ Sets	♃ Sout.	♂ R	♀ Rif.	DBreak	Cl. aft. ☉
1	4 37	7 24	11 N 40	10 N 20	2 M 36	3 M 36	2 6	3 1
6	4 29	7 32	11 24	10 0	2 24	3 49	1 48	3 44
11	4 21	7 40	11 8	9 39	2 11	3 41	1 28	4 0
16	4 13	7 48	10 52	9 18	1 58	3 33	1 5	4
21	4 5	7 56	10 36	8 57	1 45	3 24	0 32	
26	3 59	8 2	10 18	8 36	1 33	3 15	nonight	

# J U N E bath xxx Days. M D Decl. North.

Quarter the 7th	} Day at {	Half past Midnight.	1	22°	10'
From the 14th		24 m. past 4 Aftern.	11	23	10
Quarter the 22d		4 in the Morning.	11	23	25
From the 30th		49 m. past 3 Morn.	21	23	29
			26	23	23

W	Nicom <i>Rubin</i> , Denbighsh.	9	A30	1	M	9
Th	Corpus Christi. <i>Daventry</i> , North.	10	11	2		2
F	Term begins. <i>Harsley-Gr.</i> Lanc.	10	44	2		55
S	King GEORGE III. born, 1738.	11	9	3		46
B	1st Sunday after Trinity.	11	30	4		35
M	In 8 Days of the H. Tr. <i>Belton</i> , Lei.	11	47	5		23
Tu	<i>Montgomer</i> , <i>Stow-in-Gaillam</i> , Suff.	Morn.		6		11
W	<i>St. Germans</i> , Cornwall.	0	2	7		0
Th	<i>Haddefield</i> , Suff.	0	21	7		51
F	Prs. AMELIA SOPHIA, born 1711.	0	38	8		45
S	<i>St. Barnabas</i> , Ap. & M.	1	0	9		42
B	2d Sunday after Trinity.	1	33	10		43
M	From the Day H. T. in 15 Days.	2	15	11		45
Tu	<i>Bangor</i> , Cornwall.	Sets.		Aftern.		
W	<i>Ryſon</i> , Somersetsh.	9	A16	0		48
Th	<i>Wrexham</i> , Den. <i>Milborn Port</i> , Som.	9	52	1		45
F	<i>St. Alban Bradford</i> , W. <i>Taunton</i> , S.	10	20	2		37
S	<i>Ingleton</i> , York. <i>Wiggan</i> , Lanc.	10	39	3		25
B	3d Sunday, after Trinity.	10	53	4		19
M	Transl. of Edw. K. of West. Sax.	11	8	4		52
Tu	<i>Higbbeat</i> , Eff. <i>Elanwist</i> , Denb.	11	24	5		33
W	Term Ends. <i>Boroughbridge</i> , York.	11	35	6		14
Th	<i>Armington</i> , Devonshire. (Fast	11	53	6		55
F	<i>St. John Baptist</i> . Midsummer-Day.	Morn.		7		38
S	Now the Days are begin. to shorten.	0	6	8		22
B	4 Sunday after Trinity.	0	30	9		11
M	<i>Boston</i> , Linc. <i>Burton</i> , Staff.	1	2	10		3
Tu	<i>Bala</i> , Merion. <i>Higham-Ferrers</i> , Nor.	1	52	10		57
W	<i>St. Peter</i> , Ap. & M.	2	35	11		51
Th	<i>Bridgenorth</i> , Sh. <i>Thwate-Parish</i> , Su.	Rises.		Morn.		

☉ Rises	☉ Sets	☾ Sets	☾ Sets	♂ R. f.	♀ R. f.	DBreak	Cl. aft. ☉
3 53	8 8	9 N 51	1 M 54	1 M 30	3 M 4		2' 39"
3 48	8 12	9 34	1 33	1 12	2 57		1 50
3 45	8 15	9 17	1 12	1 54	2 54	All Day	0 52
3 44	8 16	9 0	0 51	1 36	2 51	light.	0 52
3 43	8 17	8 43	0 31	1 18	2 50		1 14
3 44	8 16	8 23	0 10	0 2	2 49		2 17

# JULY hath xxxi. Days.

MDCCCXXI  
North.

Last Quarter the 7th  
New Moon the 14th  
First Quarter the 21st  
Full Moon the 29th

Day at { 21 m. past 6 in Morning  
3 in the Morning.  
9 at Night.  
18 m. past 2 in Aftern.

1	23	7
6	22	40
11	22	4
16	21	18
21	20	24
26	19	20

20	1	T	Thorney-Abbey, Ely. Workshop, Nor.	9	23	9	1M	36
21	2	S	Visit. of the B.V.M. Brecknock, 5 d.	9	31	2	26	
22	3	B	5 Sunday after Trinity.	9	48	3	15	
23	4	M	Transl. of S. Mart. Chesterfield, Derb.	10	4	4	3	
24	5	Tu	Old Midsum. Day. Leicester. Glouc.	10	25	4	52	
25	6	W	Lancaster. Liverpool, L. Winborn, Do,	10	38	5	41	
26	7	Th	Tho. à Becket. Chipping-Norton, Ox.	10	55	6	33	
27	8	F	Folkestone. Kent. Machynleth, Mont.	11	21	7	27	
28	9	S	Bromley, Devon.	11	48	8	25	
29	10	B	6 Sunday after Trinity.	Morn.	9	26		
30	11	M	Peterborough, Nor. Mountsorrel, Lei.	0	46	10	26	
1	12	Tu	Canterbury, Kent. Carshalton Surr.	1	44	11	25	
2	13	W	Huntingdon, Woburn, Bedf.	2	55	Aftern.		
3	14	Th	Days decr. 26 min.	Sets	0	21		
4	15	F	Swithun, B. Porkdown, Hants.	8	A35	1	10	
5	16	S	Polstead, Suff. Winchester, Hamp.	8	54	1	58	
6	17	B	7 Sunday after Trinity.	9	10	2	42	
7	18	M	Denbigh, Exeter, Semyn, Cornw.	9	23	3	23	
8	19	T	Kenninghall, Norfolk.	9	45	4	5	
9	20	W	Margaret V. St. Margarets, Kent.	9	52	4	47	
10	21	Th	Alfreton, Der. Foulness, K. Swaffham.	10	5	5	30	
11	22	F	Queen of DENMARK born 1751.	10	26	6	13	
12	23	S	Daventry, N. Matensley Green, Ha.	10	54	7	0	
13	24	B	8 Sunday after Trinity.	11	41	7	50	
14	25	M	St. James, Derby, Bristol, Reading.	11	58	8	42	
15	26	Tu	St. Anne. Bedwin, W. Tamworth, St.	Morn.	9	35		
16	27	W	Heudon, York. Milsm, W. Portf. n, H.	1	18	10	29	
17	28	Th	Wincomb, Glouc. Milliner, Cornw.	2	29	11	20	
18	29	F	Day 15 h. & half long.	Rises	Morn.			
19	30	S	Dog-Days begin. Linton, Camb.	7	A54	1	9	
20	31	B	9 Sunday after Trinity.	8	11	1	59	

MD	☉ Rises	☉ Sets	h Rises	h Sets	♂ Rif.	♀ Rif.	DBreak	Cl. bel ☉
1	3 45	8 15	3 M 32	11 N 50	11 N 44	2 51	All Day light.	3 18
6	3 48	8 12	3 15	11 30	11 30	3 0		4 11
11	3 53	8 7	2 57	11 10	11 16	3 4		5 55
16	3 58	8 2	2 39	10 54	11 1	3 13		4 40
21	4 4	7 56	2 22	10 34	10 47	3 25		
26	4 11	7 49	2 5	10 15	10 22	3 10	5 3	

part the 5th	} Day at {	half past 9 Forenoon.	11	17°	53
part the 12th		19 m. past 1 Aftern.	6	16	33
part the 20th		28 m. past 2 Aftern.	11	15	6
part the 27th		Midnight.	16	13	34
			21	11	56
			26	10	12

M	Lammas-Day. Bath, So. Loughbro'	8	A 28	2	M 48
Tu	Goudhurst, Kent. Winchester, Ham.	8	46	3	39
W	Auburn, Wilts. Daventry, North.	9	5	4	32
Th	Ravenslaft, Cumb. Thurst, York.	9	29	5	26
F	Bicester, O. Boston, Lin. Doncaster, Y.	10	4	6	22
S	Transfig. Paddington, Midd.	10	44	7	20
B	20 Sunday after Trin.	11	27	8	18
M	Furset, Corn. Rutin, Denb.	Morn.		9	16
Tu	Llanwest, Denb. Shirkn, Midd.	0	42	10	11
W	St. Laurence, Flint. Rugby, War.	1	56	11	3
Th	Pr. BRUNAWICK. Aberfraw, Ang.	3	11	11	52
F	Pr. of WALESBORO. Old Lam. Day.	Sets Aftern.			
S	Cank. Staff Dunstable, Bed. Exeter, D.	7	A 16	0	38
B	11 Sunday after Trinity.	7	32	1	21
M	Northampton. Marlborough, Wilts.	7	47	2	4
Tu	Pr. FRED. B. of Osnab. b. 1763.	8	0	2	45
W	Bardney, Hampsh.	8	20	3	27
Th	Days decreased 2 h. 10 m.	8	37	4	11
F	Dartington, Devonshire.	9	0	4	57
S	Days 14 hours and a quart. long.	9	31	5	45
B	12 Sun. after Trin. Pr. William b.	10	15	6	39
M	Bracknall, Berks. Penkridge, Staff.	11	9	7	28
Tu	Belford, North. Dinoon, Oxf.	Morn.		8	21
W	St. BARNH. sp. no.	0	17	9	15
Th	Melver. Som. Llanerchaw, Angl	1	31	10	9
F	Gisbro', Y. Huntingdon, Hinkley, Lei.	2	53	11	1
S	Coventry, Warw. Ripley, Yorksh.	Rises		11	52
B	13 Sunday after Trinity.	6	A 38	Morn.	
M	Beheading of John Bapt.	6	53	1	35
Tu	Day 13 hours 40 min long, being	7	14	2	29
W	now decreased 2 hours 58 min.	7	40	3	24

M D	☉ Rises	☉ Sets	☿ Rise	♂ Sets.	♂ Rises	♀ Rises	DBreak	Cl. bef. ☉
1	4 19	7 40	1 M 46	9 N 50	10 N 12	3 M 54	1 M 23	5 45"
6	4 27	7 32	1 51	9 35	10 2	4 10	1 44	5 20
11	4 35	7 24	1 39	9 19	9 52	4 28	2 14	39
16	4 44	7 15	1 09	2 9	9 42	4 44	2 19	34
21	4 53	7 6	0 44	8 45	9 33	5 0	2 35	37
26	5 16	6 57	0 28	8 30	9 22	5 16	2 50	19

# SEPTEMBER hath xxx Days

M D Dec North.

Left Quarter the 3d }  
New Moon the 11th } Day at { a quart. past 3 Aftern.  
First Quarter the 19th } { 3 in the Morning.  
Full Moon the 26th } { half past 7 Morning.  
{ 9 in the Morning.

18° 3  
6 6 1  
11 4 1  
16 8 2  
21 0 2  
26 1 3

21	1	Th	Giles, Abbot. Northmore, Wilts.	8 A	7	4	M	24
22	2	F	Richmond-Road, North. Lon. b. 1666.	8	49	5		10
23	3	S	Brecknock, 6 Days. Bridgeflock, D.	9	37	6		11
24	4	M	14 Sunday after Trinity.	10	37	7		12
25	5	M	Gipping Norton, Ox. Fenningham, S.	11	27	8		13
26	6	Tu	Dog Days end, Folkingham, Linc.	Morn.	9			
27	7	W	Enurch. Snaith, Yorkshire.	1	7	9		51
28	8	Th	Nat. B. V. M. Wirksworth, Derb.	2	20	10		40
29	9	F	Atherstone, War. Gifborough, York.	3	38	11		24
30	10	S	Days 12 hours 56 min. long.	4	48			Aftern.
31	11	M	15 Sunday after Trinity.	Sets	0			
A 12	M		Whitebaven, Cumb. Wilton, Wilts.	6 A	15	0		40
2 13	Tu		Brentford, Mid. Dilton-Marsh, Wilts.	6	25	1		30
3 14	W		Holy Cross.	6	46	2		14
4 15	Th		Days decreased 3 hours 58 min.	7	10	2		50
5 16	F		Littleworth, Leic. Newcastle, Staff.	7	39	3		47
6 17	S		Llanwrst, De. Masbham, Y. Probus, C	8	19	4		35
7 18	M		16 Sunday after Trinity.	9	7	5		20
8 19	M		Abingdon, Berks. Carlisle, Buck.	10	5	6		10
9 20	Tu		Manchester, Lanc. Southwark.	11	13	7		11
10 21	W		St. MATTHEW, Ev. Emb. week.	Morn.	8			
11 22	Th		K. GEO. III. and Qu. CHARL. C.	0	31	8		51
12 23	F		Halkin, Wilts. Paincastle, Radnor.	2	1	9		41
13 24	S		Chelbunt, Hertf. Lledwyn, Glam.	3	30	10		31
14 25	M		17 Sunday after Trinity.	4	43	11		3
15 26	M		St. Cyprian. Cliffe, Suff. Witbam, E.	Rises	Morn.			
16 27	Tu		Clapham, York. Northall, Midd.	5 A	49	1		21
17 28	W		Gloucester, Tuxford, Nott.	6	17	2		11
18 29	Th		St. MICHAEL the Arch-Angel.	6	55	3		11
19 30	F		S. Jerom. Wrexham, Denb.	7	42	4		21

M	D	©	Rites	©	Sets	h	Kites	U	Set	♂	Sout.	♀	Set	Dbreak	Cl.	aft.	©
1	5	13	6	46	0	M	8	8	N	2	3	M	48	7	N	3	3
6	5	23	6	36	11	N	43	7	47	3	32	6	56	3	21	2	5
11	5	33	6	26	11	30	7	30	3	16	6	46	3	34	3	47	
16	5	43	6	16	11	15	7	16	3	0	6	38	3	44	5	32	
21	5	52	6	6	11	0	6	59	2	44	6	30	3	56			
26	6	2	5	57	10	47	6	43	2	27	6	24	4				

# OCTOBER hath xxxi Days.

M D Dec. South

Quarter the 2d	} Day at {	Midnight,	1	30	29
Moon the 10th		45 m. past 7 at Night.	6	5	24
Quarter the 18th		10 m. past 11 at Night.	11	7	19
Moon the 25th		6 at Night.	16	8	10
			21	10	59
			26	12	44

1	S	Remig. Ruthin, Denb. Sheffnel, Sh.	8A	45	5M	22
2	B	18 Sunday after Trinity.	9	50	6	19
3	M	Nottingham, 8days (call'd Goose-F.)	11	14	7	12
4	Tu	Penkridge, Staff.	Morn.	8	0	
5	W	Llan-wilung, Monsg. Lampert, Som.	0	23	8	48
6	Th	Faith, V. Hall, Y. Countess-Court, W.	1	35	9	32
7	F	Billerica, Essex.	2	46	10	12
8	S	Abingdon, Be. Challock, Kt. Swansey.	3	58	10	54
9	B	19 Sunday after Trinity.	5	9	11	36
10	M	Old Mich. Day. Leicester, Lancaster.	Sets	Aftern.		
11	Tu	Newport Pagnel, Bucks, St. Albans.	5A	4	0	23
12	W	Banbury, Ox. Castor, Lin. Sandwell.	5	16	1	6
13	Th	Translat. of Ed. Salisbury. Wilt.	5	52	1	52
14	F	Buttonmoor, Shropsh. Workop, Not.	6	18	2	40
15	S	Fast. ly, Warwicksh.	7	13	3	30
16	B	20 Sunday after Trinity.	8	9	4	20
17	M	Etheldred. Lynn, Norf. Rochford, E.	9	11	5	12
18	Tu	St. Luke, Evangelist.	10	23	6	3
19	W	Market-Harbro', Leic. Oxford. Tarnes.	11	38	6	53
20	Th	Albourn, Derb. Blyth, Not. Hereford.	Morn.	7	43	
21	F	Banbury, Oxford. Gainsborough, Li.	1	2	8	32
22	S	Galgatib, Brecc. Pottón, B. Wells, So.	2	22	9	22
23	B	21 Sunday after Trinity.	3	45	10	16
24	M	Gainsbro', Linc. Stockport, Chesh.	5	15	11	10
25	Tu	King GEORGE III. Inaug. Crispin.	Rises	Morn.		
26	W	King GEORGE III. Procl.	4	55	1	7
27	Th	Affington, Dev. Cargurley, Fl. (Fast.	5	38	2	10
28	F	St. SIMON & St. JUDE, Warwick.	6	36	3	14
29	S	Barton, Staff. Newcastle upon Tyne,	7	40	4	13
30	B	22 Sunday after Trinity.	8	56	5	10
31	M	Bridenorth, Shrop. Dewizes. (Fast.	10	13	6	2

☉ Rise	☉ Set	☿ Rises	♊ Sets	♋ Rises	♌ Sets	D. break	Cl. aft. ☉
6 12	5 47	10 N 31	6 N 24	2 M 5	6 N 16	4 18	10 34
6 20	5 39	10 14	6 8	1 41	6 9	4 29	12 5
6 31	5 28	9 56	5 52	1 17	6 0	4 39	13 23
6 41	5 18	9 39	5 36	0 50	5 54	4 49	14 30
6 51	5 8	9 20	5 20	0 28	5 47	4 59	15 22
7 0	4 5	9 2	5 5	0 3	5 42	5 8	15 57

# NOVEMBER hath xxx Days.

M. O. Dec.  
D. South.

Last Quarter the 1st  
New Moon the 9th  
First Quarter the 17th  
Full Moon the 24th

Day at { 8 m. past Noon.  
2 in the Afternoon.  
41 m. past Noon.  
4 in the Morning.

1	14	42
8	16	15
11	17	40
18	18	58
21	20	7
26	21	8

21	1	T	All Saints Day. <i>Coventry, Warw.</i>	11	A 28	6	M 49
22	2	W	All Souls. <i>Leek, Staff. Wilton, Wilts.</i>		Morn.	7	34
23	3	Th	On the Mor. of all Souls. <i>Rochd. Le.</i>	0	43	8	18
24	4	F	<i>Applebaw, Hants.</i>	1	55	8	58
25	5	S	Papists Conspiracy. <i>Beverley, Y.</i>	3	2	9	39
26	6	B	23 Sunday after Trinity.	4	12	10	20
27	7	M	Term beg. D. of CUMBERL. bo.	5	20	11	3
28	8	T	<i>Ashby, Leic. Colchester, Eff. Totnes.</i>	6	30	11	46
29	9	W	<i>Darlington, Durh. Stamford, Linc.</i>		Sets	Aftern.	
30	10	Th	<i>Lenton, Not. Rochester, K. Stamford.</i>	4	A 28	0	38
31	11	F	S. Martin, Bish. & Conf. <i>Liverpool.</i>	5	10	1	27
N	12	S	On the Mor. of St. Mar. <i>Dunstable.</i>	6	1	2	18
2	13	B	24 Sunday after Trinity.	7	2	3	9
3	14	V	<i>Brecknock, Carmarthen, Ellismore.</i>	8	8	3	58
4	15	T	<i>Macutus, B.</i>	9	18	4	47
5	16	W	<i>Andover, Hamp. Welchpool, Shrop.</i>	10	36	5	35
6	17	Th	Hugh B. of Lin. <i>Launceston, Sheffield.</i>	11	4	6	23
7	18	F	In 8 Days of Saint Martin.		Morn.	7	10
8	19	S	<i>Woodcot, Oxf. Yarme, Yorksh.</i>	1	21	7	59
9	20	B	25 Sunday after Trinity.	2	44	8	50
10	21	M	<i>Garstang, Lanc. Lampport, Som.</i>	4	8	9	45
11	22	Tu	Cecilia. Old Martinmas. <i>Bawtry.</i>	5	34	10	43
12	23	W	St. Clement. <i>Chelmsford, Essex.</i>	6	59	11	44
13	24	Th	Days decreased 8 h. 12 min.		Rises	Morn.	
14	25	F	D. GLOU. bo. In 15 D. of S. Mar.	5	A 16	1	52
15	26	S	<i>Castle-town, Monm.</i>	6	30	2	52
16	27	B	Advent Sunday.	7	47	3	47
17	28	M	Term Ends. <i>Lincoln. Northampton.</i>	9	7	4	37
18	29	Tu	<i>Ashborn, Derb. Oswetry, Shrop.</i>	10	20	5	24
19	30	W	St. ANDR. Prs. Dow. W. A. b. 1719	11	36	6	8

M D	☉ Rites	☉ Set	☿ Sou	☿ Rises	♂ Sou	♀ Sets	D. break	Cl. aft. ☉
1	7	11	4 48	4 M 51	6 M 42	11 N 29	5 N 35	5 17 16 14
6	7	20	4 39	4 30	6 28 11	4	5 32	5 24 16 6
11	7	29	4 30	4 0	6 12 10	39	5 30	5 32 15 38
16	7	38	4 22	3 48	5 58 10	16	5 29	5 37 14
21	7	45	4 15	3 28	5 44 9	50	5 30	5 43 7
26	7	51	4 0	3 7	5 31 9	27	5 31	5 40

# DECEMBER hath xxxi Days.

(M) Decl.  
(D) South.

aft Quarter the 1st	} Day at	4 in the Morning.	21° 51'
1st Moon the 2d		9 at Night.	6 22 38
1st Quar. the 16th		22 m. past 11 at Night.	11 23 6
full Moon the 23d		11 m. past 3 Afternoon.	16 23 23
aft Quart. the 30th		20 m. past 11 at Night.	21 23 29
			26 23 22

1	Th	Dutton, Dev. Rotterham, York.	Morn.	6	M	49
2	F	Hoxne, Suff.	0	39	7	31
3	S	Pennyfont, Som.	1	57	8	13
4	B	2 Sunday in Advent.	3	5	8	55
5	M	Celford, Glouc.	4	12	9	39
6	Tu	Nicol. B.	5	20	10	26
7	W	Days 7 hours 54 m. long.	6	26	11	15
8	Th	Concept. of M. Boston, Lincoln.	7	28	Aftern.	
9	F	Bradford, Wilts.	Sets	0	5	
10	S	Kimbolton, Hunt. Newport, Shrop.	4 A	47	0	56
11	B	3 Sunday in Advent.	5	54	1	46
12	M	Bedal, Yorksh. Rofs, Heref. Shrewsb.	7	4	2	35
13	Tu	Lucy, V. & M. Folkingham, Linc.	8	21	3	23
14	W	Ember Week.	9	36	4	10
15	Th	Namptwich, Ch. Paincofte, Radn.	10	54	4	57
16	F	Colgeth, Som. Pocklington, Yorksh.	Morn.	5	43	
17	S	Exeter, Grantbam, L. Sidland, Dor.	0	15	6	32
18	B	4 Sunday in Advent.	1	36	7	23
19	M	Bedford, Northampton, Truro, Corn.	3	0	8	16
20	Tu	Now the Days are about the short.	4	20	9	14
21	W	St. Thom. Ap. Marywick, Cornw.	5	38	10	16
22	Th	Newport-Kemps, Montgom.	6	50	11	19
23	F	The short. Day is 7 h. 44 m. long.	Rises	Morn.		
24	S	The greatest shortening is 8h. 50m.	5 A	7	1	19
25	B	CHRISTMAS DAY.	6	27	2	13
26	M	St. Stephen. 1 Mart.	7	45	3	3
27	Tu	St. John, Ap. & Ev.	9	2	3	49
28	W	Holy Innocents. Bridgewater, Som	10	15	4	32
29	Th	Cockbill, Som.	11	28	5	15
30	F	Maiden Bradley, Wilts.	Morn.	5	56	
31	S	Silvester, B. of Rome.	0	41	6	38

M	D	☉ Rises	☉ Sets	h Sou	☿ Rises	♂ Sout.	♀ Sets	Dbreak	Cl. aft. ☉
1	7	57	4 3	2 M 45	5 M 14	9 N 8	5 N 42	5 54	10 19
6	8	2 3	58	2 21	4 56	8 50	5 50	5 56	8 15
11	8	5 3	55	1 57	4 38	8 32	6 05	5 58	6 59
16	8	7 3	53	1 33	4 20	8 14	6 11	6 0	3 34
21	8	8 3	52	1 9	4 2	7 56	6 24	6 1	1 4
26	8	7 1	51	0 46	3 44	7 37	6 35	6 1	1 bef. 26



# A TABLE of all the KING and QUEENS of England, since the Conquest.

The Year of the Birth of each King and Queen; also the Year, Month, and Day, whereon they began to reign: beginning the Year the first Day of January, 1766.				The Length of each Reign.	The Year expired since each Reign ended.		
Names.	Born.	Began to Reign.	Y. M. D.		fine		
William Conq.	1027	1066 October 14	20 10 26		68		
William Rufus	1057	1087 Septem. 9	12 10 24		66		
Henry I.	1068	1100 August 2	35 4 0		63		
Stephen	1105	1135 Decem. 1	18 10 24		61		
Henry II.	1132	1154 October 25	34 8 11		57		
Richard I.	1156	1189 July 6	9 9 0		56		
John	1166	1199 April 6	17 6 13		55		
Henry III.	1207	1216 October 19	5 6 1 0		49		
Edward I.	1239	1272 Novem. 16	34 7 21		46		
Edward II.	1284	1307 July 7	19 6 13		41		
Edward III.	1312	1327 January 20	50 5 1		39		
Richard II.	1366	1377 June 21	22 3 8		36		
Henry IV.	1367	1399 Septem. 29	13 5 21		35		
Henry V.	1389	1413 March 20	9 5 11		34		
Henry VI.	1421	1422 August 31	38 6 4		30		
Edward IV.	1442	1461 March 4	22 1 5		28		
Edward V.	1471	1483 April 9	0 2 1		28		
Richard III.	1443	1483 June 22	2 2 0		28		
Henry VII.	1457	1485 August 22	23 8 0		29		
Henry VIII.	1492	1509 April 22	37 9 6		22		
Edward VI.	1537	1547 January 28	6 5 8		21		
Mary I.	1516	1553 July 6	5 4 11		21		
Elizabeth	1533	1558 Novem. 17	44 4 7		16		
James I.	1566	1603 March 24	22 0 3		14		
Charles I.	1600	1625 March 27	23 10 3		19		
Charles II.	1630	1649 January 30	36 0 7		8		
James II.	1633	1685 February 6	4 0 7		79		
{ William III.	1650	} 1689 Feb. 13	13 0 23		66		
{ Mary II.	1662		5 10 15		74		
Anne	1665	1702 March 8	12 4 24		54		
George I.	1660	1714 August 1	12 10 10		41		
George II.	1683	1727 June 11	33 4 3		8		
George III.	1738	1760 October 25	whom God preserves				

**A Compendious TABLE of INTEREST,**  
 shewing the Interest of any Sum of Money, from a Million  
 to a Pound; for any Number of Days, at any Rate of  
 Interest.

N <sup>o</sup>	l.	s.	d.	q.	N <sup>o</sup>	l.	s.	d.	q.
1000000—	2739	14	6	0,99	1000—	2	14	9	2,14
900000—	2465	15	0	3,29	900—	2	9	3	3,12
800000—	2191	15	7	1,59	800—	2	3	10	0,11
700000—	1917	16	1	3,89	700—	1	18	4	1,10
600000—	1643	16	8	2,19	600—	1	12	10	2,80
500000—	1369	17	3	0,49	500—	1	7	5	3,70
400000—	1095	17	9	2,79	400—	1	1	11	0,50
300000—	821	18	4	1,09	300—	0	16	5	1,40
200000—	547	18	10	3,40	200—	0	10	11	2,30
100000—	273	19	5	1,70	100—	0	5	5	3,01
90000—	246	11	6	0,32	90—	0	4	11	0,71
80000—	219	3	6	0,96	80—	0	4	4	2,41
70000—	191	15	7	1,59	70—	0	3	10	0,11
60000—	164	7	8	0,22	60—	0	3	3	1,81
50000—	136	19	8	2,85	50—	0	2	8	3,51
40000—	109	11	9	1,48	40—	0	2	2	1,21
30000—	84	3	10	0,11	30—	0	1	7	0,90
20000—	54	15	10	2,74	20—	0	1	1	0,60
10000—	27	7	11	1,37	10—	0	0	6	2,30
9000—	24	13	1	3,23	6—	0	0	5	3,67
8000—	21	18	4	1,10	8—	0	0	5	1,04
7000—	19	3	6	2,96	7—	0	0	4	2,41
6000—	16	8	9	0,82	6—	0	0	3	3,78
5000—	13	13	11	2,58	5—	0	0	3	1,15
4000—	10	19	2	0,55	4—	0	0	2	2,52
3000—	8	4	4	2,41	3—	0	0	1	3,89
2000—	5	9	7	0,27	2—	0	0	1	1,26
1000—	2	14	9	2,14	1—	0	0	0	2,63

**R U L E.**

Multiply the Sum by the Number of Days; and that Product by the Rate per Cent. Then cut off the two last Figures to the Right Hand, and the rest you must find in the Table.

Example, What is the Interest of 100 l. for 365 Days at 5 per Cent.

No. of Days 365		Then in the Table	
multiply by 100	against 1000	} is	2 14 9 2 ,14
Product 36500	800		2 3 10 0 ,11
multiply by 5	20		0 1 1 0 ,60
Rate p. Cent.	5		0 0 3 1 ,15
1825 00	And against	5	
		Ans.	5 0 0 0 ,00

# The GEN<sup>T</sup>. Diary; or Math. Repository. 17

Part of a Letter from the Rev. Mr. Smith, of Thorney-Abbey, near Peterborough, to the Author; in Answer to Messieurs Bamfield and Wildbore, in the Diaries for the Year 1763 and 1764.

N. B. The Paragraphs in Mr. Bamfield's are numbered, amounting to 15; and the Lines in Mr. Wildbore's, to 99.

S I R,

I Thank you for gratifying my Desire of a Place in your excellent Diary; though I had not drawn up any Thing relative to your two ingenious Correspondents Messieurs Bamfield and Wildbore; yet, have set myself down for that Purpose, in the Midst of a Multiplicity of Engagements, which compel me to use more Brevity than the Subject requires.

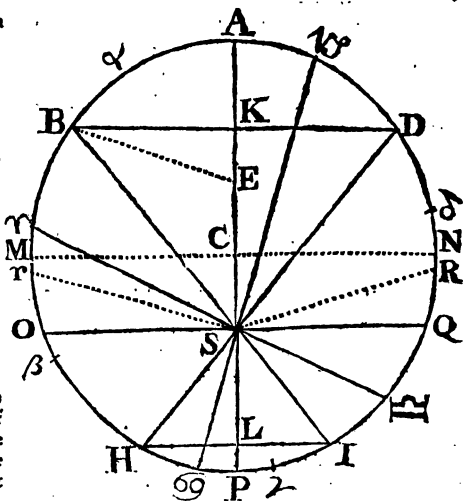
§ 1. Every ingenious Person, that does not shackle his Thoughts to prevailing Opinions, because they wear the public Stamp, or are the fashionable Sentiments of the Age he lives in, is very much to be commended; and it is to be greatly lamented, his Labours do not meet with Encouragement from the Legislature here, as the *Virtuosi* in France: This would manifestly produce greater Discoveries and Improvements, where others may have failed, than can be expected from a Society instigated by Fame; each of whom, however unequal to the Task, imagine themselves bound by their Membership of such a respectable Body, to contribute something towards their mighty annual Labours; and whatever they have orderly disposed in their Thoughts, must of course be found such in Nature; whereby they have wrested her Laws, brought themselves into Contempt, and become the very Dupe of the Age to their Neighbours; though, indeed, since the Discoveries in Electricity, some of them have been conscious of their Fetters, and demurred a little about the *Vacuum* of Sir Isaac Newton, his Doctrine of Fire, his Account of Gravity, and *vis inertiae* of Matter, as Qualities without a natural Cause: But they have not gone far, through a Fearfulness of offending; and well knowing, how they should be pecked by People who are under the same Prejudice with Mr. Wildbore; to this Mr. Bamfield pays but little Regard; I dare say he is of a more public Spirit, and a better Advocate for Truth, than not to think freely, and readily join with me, when I affirm, that every Man has a natural Liberty of inquiring into the Structure of the World, and examining the various Motions that appear in it, with their several Dependencies, Circumstances, and Causes; and to get such a thorough Insight into Nature, and her Laws, as may enable him to judge, whether there is any Relation and Correspondence between the Causes and Operations of Nature, and the Positions laid down by others; the former are Matters of Fact, not Points of Speculation; therefore the Knowledge of them depends upon Evidence, which alone can lead us to any rational Determination. But Mr. Wildbore, l. ix. 16. has discovered, and sets out with a Proposition, that obliges a Man to keep his Eyes shut, where his own Safety and Satisfaction require him to open them, whereby he brings in an authoritative Power, to judge and decide in Matters that do not properly fall under the Cognizance of Authority; which, how great soever, ought never to preside, where Expe-

## 18 Part of the Rev. Mr. SMITH's Letter, &c.

rience of the Fact can be had : This Proposition likewise sends and confines us to the most ignorant, degenerate, and profligate Age since the World began ; for, by adhering to it, *Newton* could never have exceeded the Limits prescribed him by Lord *Bacon* ; and both, with Mr. *Boyle*, must have swallowed down, though ever so scrupulous, the vortical *Nosstrum* of *Des-Cartes*, who likewise, by the same Means, must have continued among the peripatetic Schoolmen, without seeing any Thing but the occult Qualities of *Aristotle* ; the Pythagorean or Copernican System of the World could never have been proposed, much less obtained any Credit ; nor could any succeeding Genius enjoy the Privilege of calling in Question the Tenets of his Master, or even so much as have the Liberty of entertaining a single Thought different from his, or the current Opinion, though the Evidence of all his Senses should witness to his Understanding : Thus should we descend into the worst of Ages ; or, if possible, as he in another Place unwarrantably expresses it, “ Degenerate into our Primitive Barbarity,” and have remained not only ignorant of the liberal Sciences, but of God and his Works, as well as the useful Knowledge in Husbandry, Physic, Handicrafts ; nay, we should have wanted every Tool and Implement now in Use, and even the common Necessaries of Life : But this is not the worst Superstructure that must be inevitably raised upon this pernicious and destructive Principle, advanced under the Protection of an ingenious Author, as he is pleased to say ; for, that Person who has acquired the most Fame, and the greatest Reputation for his Learning, be he ever so profligate and licentious, must be deified, at least with the Attribute of Perfection, like the divine *Newton*, *qui nil molitur ineptè*, “ who never erred ;” if not also with that of Omniscience, for which he is to be revered by his Fellow Creatures : Whether the former is any Thing less than Blasphemy, and both together best suit with an Heathen, Idolater, Enthusiast, or Christian, I shall leave to the Judgment of others, and proceed to Mr. *Bamfield* ; who, like a modest well-designing Person, has humbly proposed his Hypothesis, with a View to have it either confirmed or disproved ; indeed it has been greatly and very unjustly railed at, abused and rejected by one, whom I should apprehend was out of his Sphere, and not able to offer any considerable Arguments against it ; I hope therefore he will excuse the Liberty I have taken to assist him : To begin then with,

§ 2. The elliptic Orbits of the Planets, till after *Kepler*'s Time, depended upon the different apparent Diameters of the Sun in Summer and Winter ; but the Uncertainty of arriving at the desired Satisfaction and Exactness, by this Method, has occasioned our modern Astronomers to bring them as a distant Confirmation of the Truth, proved with all that Accuracy, by Methods depending upon no hypothetical Data whatever ; which had so inviting an Aspect, when I was reading an Author against *Kepler*'s Universal Law, together with the Desire of searching for myself, and seeing with my own Eyes, that I was induced to consider it, make some little Alteration in the Procedure, and put it in Execution ; accordingly at *Huntingdon*, in Latitude  $52^{\circ} 19' 13''$ , Longitude  $17^{\circ} 28'$  = 1 Minute 10 Seconds of Time West of *St. Paul's*, or 1 Minute 30 Seconds from *Greenwich*, I observed the Place of the Earth in her Orbit, and the Diameter of the Sun upon the Meridian for several Days, according

according to mean Time, on each Side the Points D,  $\wp$ , A, B,  $\varphi$ , O, H,  $\oslash$ , P, I,  $\triangle$ , and Q (in Figure 1.) from three or four of which, by the well known Method of interpolating from Roots and Correlatives, I have obtained the Mean Times, Equations for Apparent Time, angular Velocities for three Hours (one and an half on each Side the Points) and the Sun's Apparent Diameter, corresponding to the Longitude assigned to the Points D, taken at Pleasure;



A, gained by interpolating for the least Velocity; B, at the same Distance from A with D; O, three Signs from A; and H, P, I, Q six Signs respectively from D, A, B, Q; whereby BD, OQ HI, are parallel to each other, and perpendicular to the Line of the Apfides AP;  $\wp$ ,  $\varphi$ ,  $\oslash$ ,  $\triangle$ , are the beginning of the Signs which they represent:

The Distances, in the last Column, were had by Means of this demonstrable Theorem; the angular Velocity for a small Space of Time, in any Trajectory whatever, is always reciprocally, as the Square of the Distance from the Point of central Force to the Body at the Middle of that Time. Thus, taking the Mean Motion of the Earth in her Orbit =  $59' 8'' \frac{1}{3}$  per Day, reciprocally, as  $7' 23'' \frac{1}{2}$ , or more exactly  $7' 23'' .54166$ , the mean angular Velocity of it in 3 hours: The Square of 1000000, the mean Distance from the Sun ::  $7' 12'' .308$ , the observed Velocity at D :  $SD^2$ ; whose Root gives 1012909 for the Distance from the Sun at D. So of the others. From these Observations, and their Deductions, let us make some Reflexions.

1. Suppose, with this Gentleman, the Orbit to be a Circle; then from the same Theorem, inverly as  $7' 12'' .308$ , the angular Velocity observed at D :  $SD^2$  ::  $7' 35'' .277$  the Velocity observed at H :  $SH^2$ ; and as  $7' 38'' .621$  the Velocity observed at P :  $SP^2$  ::  $7' 9'' .076$  the Velocity observed at A :  $SA^2$ . By 35. E. 3. SA : SH :: SD : SP, and by Cor. 1. 10. 9. 4. of *Simpson's Geom.* 1. Edit.  $SA^2$  :  $SH^2$  ::  $SD^2$  :  $SP^2$ ; therefore it follows from 16. and 11. E. 5. as  $7' 12'' .308$  :  $7' 38'' .621$  ::  $7' 35'' .277$  :  $7' 9'' .076$ ; but the Proportion gives  $8' 3''$  for the Velocity in A : Consequently the Orbit differs much from a Circle, and the Motion is retarded as it recedes from P.

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2. Half the Sum of the right Lines SP, SA, should be 1000000 = Radius CA or CP; but from what is above computed, it is 1000070, much greater, therefore the Orbit is not a Circle, but flatter toward M, N, or O, Q, than towards A, P.

3. Yet let the Sun be still supposed in the Center of the Orbit at C; then must the Earth be twice in Aphelion at A, P; and twice in Perihelion at M, N, in one Revolution through its Orbit, which is contrary to Observation; and therefore to agree with it, the Sun must be situated at S, in the Line of the Apfides AP, below C, at the Distance of half the Difference between the Lines SA, SP = 16647, called the Eccentricity of the Orbit.

## The Rev. Mr. SMITH's Table of Observations, 1768.

Place of the Earth in her Orbit.	Mean Time from Observations and WHITE's Ephem.	Equat. for reduction to app. Time, by Observation and Tables.	Angular Velocity in 3 hours by Observations, Tables, & Error of Observ. from the Ellipse.	Sun's app. Distan. by the Observat. Tables, & Error of Observ. from the Ellipse.	Distan. the ☉ where the Distan. by Observ. & Error from the Ellipse.
s. ° ' "	1764 d. h. ' "	" "	" "	" "	" "
D 7 29 49 13	May 20 0 0 0 19 23 44 1	+ 3 53 7 + 3 54 7	12,308 12	31 43,217 31 49	10129 10132
				-1,722	
W 9 0 0 0	June 20 13 23 17 20 13 22 46	- 1 11 7 - 1 8 7	9,21 9	31 28,92 31 41	10164 10168
			+ .008	+ .735	
A 9 8 44 13	29 17 29 38 29 17 24 33	- 3 6 7 - 3 37 9	9,076 9	31 36,891 31 41	10167 10168
				-914	
B 10 17 39 13	Aug. 9 10 40 35 9 10 59 43	- 4 54 7 - 4 54 7	12,308 12	31 43,21 31 49	10129 10132
				-1,729	
Y 0 0 0 0	Sept. 22 2 30 11 22 2 41 8	+ 7 41 7 + 7 39 7	21,478 21	32 6,85 32 11	10027 10021
			- .007	+ 1,8	
O 0 8 44 13	30 23 40 0 30 23 49 50	+ 10 35 7 + 10 34 7	23,724 24	32 10,63 32 14	999 994
			- .004	+ .695	
H 1 29 49 13	Nov 21 1 48 18 21 1 46 55	+ 13 37 7 + 13 37 7	35,277 36	32 36,13 32 41	987 986
			- .018	+ 1,203	
E 3 0 0 0	Dec. 20 18 34 56 20 18 33 9	+ 1 10 7 + 1 11 7	38,459 39	32 41,31 32 48	985 983
			+ .012	- .372	

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8 44 13	29 8 15 46	— 3 4 7	38,621	32 42 18	983423
	29 8 17 43	— 3 4 7	39	32 48	983087
				+, 125	
8 44 44	29 8 27 19	for Perihelion, rest as in P.			
	29 8 29 52				
7 39 23	17 5 14 41 40	— 14 38 7	35,277	32 36 43	987028
	5 14 43 37	— 14 39 7	36	32 42	986244
			—, 018	+, 1,503	+, 19
March 19	20 28 46	— 7 40 7	24,913	32 15,24	997293
	19 20 44 41	— 7 41 7	25½	32 20	997800
			—, 013	+, 445	+, 4
8 44 13	28 16 50 24	— 4 54 7	23,724	32 10,63	999794
	28 16 34 25	— 4 57 7	24	32 16	999484
			—, 004	—, 305	+, 4

with these Observations were made with the greatest Circumspection, yet I cannot take upon me to say, how they may answer in other Respects; for I pretend not to that Accuracy, with which they observe at Greenwich, for Want of Instruments, &c.

Make  $CF = SC$ , and from any of the observed Places, as B, draw BS, then are given SB, SE and  $\angle BSE = 38^\circ 55'$  the Longitude of the 2<sup>d</sup> at B from her Aphelion at A; whence, by plain Trigonometry,  $987231$ , which added to SB, gives  $20000140$ , exactly equal to AP, the Sum of the Apfides; the same holds also in the other Observations with such Degree of Exactness that I never expected; wherefore, it follows from this Property, that the Orbit must necessarily be an Ellipse, whose transverse Diameter is AP, conjugate MN, Foci E, S, and Parameter OQ.

Whence (per Conics)  $\frac{SO \times AC}{PC^2 - SC^2} = MC = 999930$ , which is also another Property, and again proves the Orbit to be an Ellipse.

Moreover, the Interval of Time between the Observations at O, Q is  $178^\circ 10' 24''$ , and the Differ. of Longit. 6 Signs; from which subtract  $176^\circ 2''$ , the mean Motion corresponding to that Interval, according to tropical Year, and half the Difference is  $1^\circ 55' 29''$  the Earth's greatest Sun, not many Seconds from what has been deduced by almost every Power: Now at  $57^\circ 17' 45''$ , 8, contained in the Arch whose Length is to the Radius:  $57^\circ 44' 55''$ , half the greatest Equation,  $1000000$ , Distance:  $16796$ , the Excentricity of the Orbit, which is somewhat different from that above determined, yet well agrees with other Observers, and greatly confirms the Truth of my Numbers, and the Orbit deduced from them.

The Figure of the Orbit may also be deduced from any three of the Observations, by describing a Conic Section through them; and any one, who has the Pains to try, shall find that Figure to be the very same Ellipse as above, and all the other Observations independent of these to agree with it; consequently, as no other Figure corresponds with Observation the Orbit must evidently be an Ellipse: and granting an Observation can be made with any tolerable Exactness, here is nothing admitted that is not demonstrably true, and common to every Curve; yet, not only this particular

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Curve, but the very Dimensions of it are deduced from the real Facts, leaving no just Grounds for any Objection, and proving our Astronomers in the right; though he has assured them to be mistaken: His Reasons for it come now to be considered.

§. 3. He has here introduced an Obscurity and Confusion of Terms, by assigning *December* with us, and *June* with our Antipodes, either to one and the same Time, when the Earth is in  $\odot$  in Conformity to the Seasons of Winter and Summer with both Inhabitants; or else to opposite Times, with respect only to our Seasons, when she is in  $\odot$  and  $\omega$ : Certainly, were he to sail thither, he would not be able to fix upon any Part of his Voyage, even at the desired Port of our Antipodes, where he would change our Winter Months for the opposite Summer ones according to the Seasons of the Climate, but would call the Height of their Summer *December*, because the Earth would then be in  $\odot$ , the same Part of the Orbit which we appropriate to that Month.

If by *June* with them he means their Summer, both they and we affirm the same Thing in ascribing an Acceleration of Motion to the Earth, at the same Time, and in the same Place of her Orbit, and therefore can admit of no Dispute; but if by it he means our *June*, and their Winter, we then entertain a contrary Opinion, according to his Assertion, which appears to be his Meaning; and, though he has not told us, yet I presume some such Consideration as this has led him into it, viz. we observe the Earth to move faster in *December*, or our Winter; and they, as he says, in our *June*, or their Winter, which cannot be really so, because to approach the Sun, and at the same Time recede from it, is a Contradiction in Terms; whence these Inequalities are only apparent, and the Truth is the Medium between them, a regular and uniform Motion: Passing over the Fallacy in the minor Proposition of this Syllogism, he has supported it, or at least his Assertions, by no better Evidence than referring to the apparent direct, retrograde, and stationary Motions of the Planets, which are no ways similar to the Cal they are brought to illustrate; for those are compound Motions, arising from that of the Earth and a Planet in their two Orbits, whereas that of the Earth relative to the Sun is simple, whereby there can be no reasoning from one to the other; wherefore this Affirmation of his stands in need of something better to support it: yet, for the sake of his Conviction, I will show how inadequate his Notions are to Facts and the real Operations of Nature, by resuming our Reflections upon the Observations.

Reflex. 8. It will be shewn in answer to §. 13. that the Difference of Refractions in different Seasons is very inconsiderable if at all sensible, and therefore a luminous Body, seated at an immense Distance out of the refractive Medium, emitting, from its Extremities parallel to the Horizon two Rays through this Medium, must evidently appear under one and the same Angle so long as the Distance remains invariable, let the increase of the absolute Diameter be what it will; but if that Distance varies, the apparent Diameter of the Body varies with it; just as a Person, ignorant of the refractive Power from Glasses, viewing an unknown Object through the Medium of the Lenses in a Telescope, would take it to be of a great Size; which would always continue the same



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the same Distance; but remove that Object and place another of the same Magnitude at a different Distance; and he will conceive this different in Size according to the Distance; wherefore it plainly follows, that if the apparent Diameter or Size varies, the Distance varies also, through what refractive Medium soever it is viewed: this is the Result of the foregoing Observations upon the Sun's Diameter; therefore his different Distances from us are not imaginary, as this Gentleman insinuates, but real; which correspond with great Exactness to the Form and very Dimensions of the Orbit already assigned, confirming that, and again incontestably proving the Sun not at the Center, if he will have the Orbit a Circle.

\* \* To be continued in the next Year's DIARY.

Mr. JOHN METCALFE favoured the Author with the following Computations of the *Eclipses* of the *Sun* and *Moon*, which will happen in this Year 1768.

There are six *Eclipses* expected this Year, three of the *Sun*, and three of the *Moon*; they are as follows, computed from the *Tabula Dunelmensis*, and compared with the Times deduced from the Tables C, in the *Real Astronomer*.

The first is a partial and visible *Lunar Eclipse*, on Monday the 4th Day of *January* in the Morning, correspondent with these Numbers.

January 4, Morn.		London A.T.	At the beginning of this Eclipse, the D will be vertical to the Atlantic Ocean, between Cape Verd Islands and the greater Antilles; at the Middle, to the West Indian Sea, a little East of the Bahama Islands; and at the End, to the Island of Cuba, very near Havannab: the Eclipse therefore will be
		h ' "	
Beginning	3	13 19	
Ecliptic Opposition	4	15 22	
Middle	4	24 26	
End	5	35 33	
Duration	2	22 14	
Digits Eclipsed	4°	57 49	

visible at the beginning, in *Abissinia*, *Nubia*, *Red Sea*, *Egypt*, *N.* and *W.* Parts of *Arabia*, *Persia*, *Caspian Sea*, and *Tartary*: and from the Beginning to the End, may be seen from all Parts of *Europe*, *America*, great Part of *Africa* Westward; and from the *Atlantic* and *Pacific* Oceans.

The second, is an invisible *Solar Eclipse*, on Tuesday the 19th Day of January, near six at Night; this Eclipse will be *Annular*, and the Center of the Shade will pass over the Northern Parts of *North America*, in a north easterly Direction, from Lat. 27° 17' N. in the *Pacific Ocean*, to Lat. 56° 39' in *Canada*.

The third is a total Eclipse of the *Moon*, on Thursday the 30th Day of June in the Morning, and will be seen in *Great Britain* from the beginning to the Setting; agreeable to the Calculation here given: the *Moon* sets totally Eclipsed about an Hour and three quarters before the Eclipse ends.

June 30, Morn.		London A.T.	The Moon will be vertical at the Beginning of this Eclipse to the Ethiopic Ocean; at the Middle, to the Coast of Brazil; and at the End, in the great South Sea: the Eclipse consequently will be visible at the Beginning, to all
		h ' "	
Begins	2	17 3	
Central Ingression	2	47 39	
Total Immersion	3	23 4	
Ecliptic Opposition	3	49 47	

Middle	3 53 38	Parts of <i>Africa</i> , the South and West
Emerſion	4 24 32	Parts of <i>Europe</i> , and the <i>Mediterranean</i>
Central Egreſſion	5 0 17	Sea; and from the Beginning to the
End	5 30 43	End, it may be ſeen from moſt known
Duration	3 13 30	Parts of <i>America</i> , the weſtern Parts
Central Duration	2 12 38	of <i>Africa</i> ; and from the <i>Ethiopic</i> ,
Dura. tot. Darkneſs	1 1 48	<i>Pacific</i> , and <i>Atlantic</i> Oceans.
Digits Eclipsed	14 <sup>o</sup> 26 11	

The fourth Eclipse is a *Solar* one, and happens on Thursday the 14<sup>th</sup> of July, at 1<sup>h</sup> 34' in the Morn. Inviſible to all theſe Parts of the World.

The fifth, is likewiſe of the *Sun*, on Friday the 9<sup>th</sup> Day of December, 21' after 8 in the Morning; inviſible to all known Parts of the Globe.

The ſixth, and laſt this Year, is another total Eclipse of the *Moon*, on Friday the 23<sup>d</sup> Day of December in the Afternoon, the *Moon* riſes totally Eclipsed, and therefore only in Part viſible; as this Calculation determines.

December 23, After.	London A. T.	At the time this Eclipse begins, the
	h ' "	<i>Moon</i> will be vertical to the <i>Eastern</i>
Beginning	1 18 37	<i>Ocean</i> , at the Middle, to the <i>Chinese</i>
Central Ingreſs	1 47 41	Sea, Eaſt of the Iſland of <i>Formoſa</i> ;
Total Immerſion	2 16 51	and at the End, to the moſt ſouthern
Ecliptic Oppoſition	3 5 44	Province of <i>Cbina</i> : it will therefore
Middle	3 6 32	be ſeen from the Beginning to the
Emerſion	3 56 13	End, from all parts of <i>Aſia</i> , <i>East</i>
Central Egreſs	4 25 23	<i>Indian</i> Iſlands, the Eaſt parts of <i>Europe</i>
End	4 54 27	and <i>Africa</i> , and from Parts within
Duration	3 35 50	the <i>Arctic Circle</i> : but only Part of
Central Duration	2 37 41	it can be ſeen in the weſtern King-
Dura. total Darkneſs	1 39 22	doms of <i>Europe</i> ; becauſe it begins
Digits Eclipsed	10 <sup>o</sup> 49 57	before the <i>Moon</i> riſes in thoſe
Countries.		

N. B. The Types are omitted } *Wentworth-Houſe*  
for want of Room. } April 25, 1767. JOHN METCALFE.

Mr. WILLIAM HALL, of *Hough* near *Granbam*, ſent a neat Type, and Calculations of the *Lunar* Eclipse January 4 (for the Meridian of *Hough*.)

And Mr. THOMAS ATKINSON alſo favoured the Author with Computations of the Times of all the three viſible *Lunar* Eclipses, for the Meridian of *Lincoln*.

Alſo Mr. ISAAC TARRAT of *Epsom* ſent Calculations of the three *Lunar* Eclipses from Mr. *Gael Morris's* Tables, which for Want of Room cannot be inſerted with Convenience; he alſo obſerves, that *Jupiter* is a Morning Star till the 6<sup>th</sup> of April, from thence an Evening Star till the 25<sup>th</sup> of October, and afterwards a Morning Star to the Year's End. And, that *Venus* is a Morning Star till the 12<sup>th</sup> of Auguſt, afterwards an Evening Star to the Year's End.

And

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And Mr. WILLIAM CHAPMAN, of *Foston, Leicestershire*, also sent Calculations of all the fix Eclipses which will happen this year; together with the Continuation of his Table of Solar Eclipses, which will be visible in *England* till the Year 2000.

	Begin.	Midd.	End.	Durat.	Digits
1841, July 18, After.	2 36 29	2 43 17	2 50 2	0 13 33	0 0 38
1842, July 3, Morn.	4 51 45	5 44 15	6 40 15	1 48 30	3 54
1845, May 6, Morn.	8 30 25	9 51 55	11 19 55	2 49 30	6 15
1846, April 25, After.	5 44 33	6 21 8	6 56 8	1 11 30	2 21
1847, Octob. 9 Morn.	6 22 38	7 36 33	8 48 33	2 26 5	11 0
1851, July 28, After.	1 57 11	3 5 11	4 10 41	2 13 30	9 45
1853, March 15, Morn.	11 29 30	12 52 2	2 12 0	2 42 30	11 30
1860, July 18, After.	1 34 30	2 45 0	3 52 30	2 18 0	9 12
1861, Dec. 31, After.	1 50 43	2 46 13	3 37 58	1 47 15	5 0
1863, May 17, After.	5 37 50	6 27 20	7 12 35	1 34 43	3 46
1863, Oct. 19, After.	3 55 58	5 9 53	6 17 28	2 21 30	7 36
1866, Sept. 28, After.	4 39 14	5 38 14	6 32 44	1 53 30	5 3
1867, March 6, Morn.	8 7 26	9 21 26	10 40 26	2 33 0	8 42
1870, Dec. 22, Morn.	11 15 28	12 32 58	1 43 28	2 33 0	9 36
1873, May, 26 Morn.	7 53 46	8 46 46	9 43 16	1 49 30	3 43
1874, Oct. 10, Morn.	8 55 7	10 13 37	11 34 37	2 39 30	6 18
1875, Sept. 29, After.	0 6 57	0 32 57	0 58 57	0 52 0	0 33
1880, Dec. 30, After.	1 44 46	2 40 16	3 33 16	1 43 30	4 34
1882, May 17, Morn.	6 15 59	6 54 14	7 31 59	1 16 0	2 18
1887, August 19 Morn.	3 25 22	4 15 22	5 7 52	1 42 30	11 58
1890, June 17, Morn.	8 20 29	9 23 29	10 30 29	2 10 0	4 39
1891, June 6, After.	4 57 56	5 40 26	6 20 26	1 22 30	3 0
1899, June 8, Morn.	4 48 0	5 31 0	6 14 20	1 26 20	3 13
1905, Aug. 30, Morn.	11 54 52	1 34 2	2 19 42	2 24 50	9 30
1908, June 28, After.	5 10 0	5 42 0	6 12 30	1 23 0	2 20
1912, April 17, Morn.	10 48 12	12 23 12	1 45 12	2 57 0	11 30
1914, Aug. 21, Morn.	10 38 58	11 52 58	1 6 28	2 27 30	8 9
1916, Feb. 3, After.	4 21 10	1 21 40	6 13 10	1 57 0	12 0

\*\*\* To be concluded next Year

N. B. For the Eclipse in 1820 (last Year's *Diary*), for August, read September.

## Just Published,

And sold at Mr. PRIDDENS in *Fleet-Street, London*: Price two Shillings and six Pence; dedicated to the Right Honourable *Earl Spencer*, a Sheet of *Eclipses* containing the *Types* and *Times* of the Beginning, Middle, and End, of all the *Eclipses* that will be visible in *England* till the Year 1800 inclusive.

It is a very neat Copper-Plate, and does Honour to its ingenious Author Mr. THOMAS HARRIS, of *Brington, near Northampton*.

ANSWERS

ANSWERS to the ÆNIGMAS, &c. in last Year's DIARY.

- |                 |                     |
|-----------------|---------------------|
| 1. A MOP.       | 6. A WAVE.          |
| 2. SABBATH-DAY. | 7. A SPARK of FIRE. |
| 3. WAR.         | 8. A SEDAN CHAIR.   |
| 4. SPACE.       | 9. THE VOWELS.      |
| 5. A BRIEF.     | 10. AN HARE.        |

Mr. JOHN KNOWLES of *Epsom*, sent the following general Answer to all the Ænigmas; in a Description of *Winter*.

Now surly *Winter* shews his hoary Face,  
 And Warring Winds, fly thro' the boundless SPACE; 3. 4.  
 On icy Pinions, from the frozen North  
 In Storms horrid *Winter* rushes forth!  
 The blooming *Flow'rs* that rais'd their infant Heads,  
 Thro' chilling *Frost* now sink into their Beds:  
 The WAVEing Groves, their leafy Pride resign; 6.  
 The Floods congeal'd, in lucid Chrystal shine;  
 The Fields, which late with Verdure pleas'd the Sight,  
 Put on their *Winter* Robe of purest White:  
 The famish'd HARES forsake the mazy Wood, 10.  
 And skip the snowy Plains in search of Food;  
 The feather'd Songsters more beneath the Spray, 1.  
 Supinely sit, nor hale the Rising \* DAY. 2.  
 —In BRIEF; all Nature mourns, her ravish'd Charms. 5.  
 A Victim falls in *Winter*'s frigid Arms:  
 Whilst the good *Matron*, tender of her Care  
 Enjoys the ruddy † FIRE, and easy ‡ CHAIR; 7. 8.  
 Has daily Pleasure; Teaching, and to show  
 Her prattling young ones all the || CHRIS-CROSS-ROW. 9.  
 —An Emblem of thy *Life*, vain Man behold  
 Herein, when some few transient Years are roll'd,  
 Age comes like *Winter*, Life's last Scene to close,  
 And, in its Train, brings complicated Woes.  
 \* Sunday. † A Spark. ‡ A Sedan. || The Vowels.

Mr. WILLIAM WYLD answers all the Ænigmas and Rebuses, in an Exhortation to observe the Sabbath; addressed to *Dorinda*.

DORINDA, lay aside your MOP, 1.  
 It should not on the SABBATH drop, 2.  
 Nor touch the WAVEing Stream; 6.  
 Your Lord will not pursue the HARE, 10.  
 Nor *Pasants* set the tangling Snare,  
 But laud the Lord Supreme.  
 Warriors will not unsheath the Sword, 3.  
 Nor give the Signal, nor the Word  
 Th' undisciplin'd to teach;  
 In Ranks they to the Church repair  
 From Hearts devout to offer Pray'r,  
 And hear the Pastor preach.

*Musicians*

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*Musicians* will refuse to Tune  
To am'rous SPARK the deep BASSOON, 7. *Rebus.* 2.  
And please th'unhallow'd Ear;  
To contemplate on Things divine  
SEDAN-men will their Thoughts incline, 8.  
For *Heav'n* renounce their *Fare*.

SHARPS will then their *Gambling* leave, 3. *Rebus.*  
For that short SPACE cease to deceive; 4.  
Nay, will afford Relief  
To the necessitous and Poor  
And of their ill-collected Store  
Contribute to a BRIEF. 5.

Let these, *Dorinda*, then excite  
To learn your VOWELS; take Delight 9.  
In READING and in Pray'r 1. *Rebus.*  
That when your fleeting is o'er  
You on *Devotion's* Wings may soar  
*Angelic* Joys to share.

Mr. GILES KILLWORTH, of *Barby*; sent the following short  
Answer to all the *Ænigmas*.

A MOP; the SABBATH; WAR; SPACE; BRIEF: 1. 2. 5. 4. 5.  
A WAVE; a SPARK; a CHAIR, 6. 7. 8.  
Will Answer eight (it's my Belief)  
The next VOWELS and HARE. 9. 10.

All the *Ænigmas* answered by THOMAS VAUGHAN, A. M.

A MOP employs th'ingenious Hand of *West*; 1.  
*Colledge* has beautifully-SUNDAY dress'd; 2.  
*Wheatcroft* on WAR does try his Art and Skill, 3.  
And SPACE is *Turner's* Subject for his Quill; 4.  
*Drury* upon a BRIEF exerts his Art, 5.  
*Sadler*, on WAVES and *Tides* is wond'rous smart: 6.  
A SPARK of FIRE, I think, is *Ashton's* Theme, 7.  
A SEDAN, *Tarrat* artfully does screen; 8.  
The VOWELS; *Vaughan* has chosen to disguise, 9.  
*Green* sets the tim'rous HARE before our Eyes: 10.  
Thus I have brought th'*Ænigmas* unto Light,  
And hope the *Explanations* all are Right.

Mr. BENJAMIN WEST, of *Weeden Beck* near *Daventry*;  
sent the following Answers to all the *Ænigmas*; inscribed to  
the BLACK EYED MAID.

I. SWEET *Heliconian* Nine! befriend,  
Swift as the Twirl of MOP descend, 1.  
Th'advent'rous Muse to Aid.  
Oh! warm my Breast with all your Fire  
While I in-Sylvan Strains aspire  
To sing the *Black-Ey'd Maid*.

- II. Not *Phyllis* with her sprightly Mien,  
That trips it o'er the verdant Green  
In *SUNDAY*'s Dress array'd ;  
Nor *Chloe* with her easy Air  
Can with my Soul's Delight compare,  
I mean the *Black-Ey'd Maid*.
- III. Ye *Chiefs* in bloody *WAR* renown'd  
Who with Success and Conquest crown'd  
The Paths of Glory tread :  
Immortal Wreaths unenvy'd twine,  
Be Love and soft Endearments mine ;  
And mine the *Black-Ey'd Maid*.
- IV. When *Phæbus* in meridian Blaze  
Darts thro' th' ætherial *SPACE* his Rays,  
I seek some cooling Shade ;  
While *Fawns* and *Lambkins* gambol by,  
Sighing, with Heart and Voice I cry,  
Come, charming *Black-Ey'd Maid*.
- V. At Eve, when *Philomela*'s Song  
Is heard the leafy Groves among,  
In melting Sounds convey'd ;  
With *Her*'s my willing Notes I join  
And sing the Charmer most divine  
(In *BRIEF*) the *Black-Ey'd Maid*.
- VI. By ancient *Nyne*'s translucent Tide  
Whose *WAVES* do swell with Silver Pride  
With Transport oft I've stray'd ;  
While the blithe *Naiads* of the Stream,  
Methought, rehears'd the Fav'rite Theme,  
The lovely *Black-Ey'd Maid*.
- VII. Since by yon *SPARKLING* Orbs above  
The *Nymph* has vow'd eternal Love,  
Why should I be afraid ?  
A Mind so noble can't deceive,  
Tho' absent, faithful I'll believe  
The pretty *Black-Ey'd Maid*.
- VIII. Thou, *God of Love* ! whose sov'reign Sway,  
*CHAIR'd Senators*, and *Kings* obey,  
With rosy Plumes display'd ;  
Propitious fly—to *Strepson*'s Arms  
Oh ! bring, in-all her blooming Charms,  
The dear, dear *Black-Ey'd Maid* !
- IX. 'Tis done—a Voice salutes my Ears,  
" Sweet as the Music of the Spheres,"  
(Attention must be paid.)  
She comes !—my *VOWELS* laid aside  
I'll haste to meet my promis'd Bride,  
The much-lov'd *Black-Ey'd Maid* !

# The GENT. Diary; or, Math. Repository. 29

X. See! *Hymen's* Torch exalted high,  
 Swift as an *HARE*! "I run—I fly!" 10.  
 My Blis no more's delay'd!  
 Let *Epith'lamiums* shake the Skies,  
 The Prize is mine! that lovely Prize,  
 The matchless *Black-Ey'd Maid*!

Mr. GEORGE LODGE, at *Newmarket-School*, sent the following  
 general Answer to all the *Enigmas, Rebuses, and Paradoxes*:

How happy lives the *Country Dame*,  
 Whose Life is free from Guilt or Shame;  
 No *SPARK* of Envy in her Mind;  
 Nor Pride an Entrance there can find:  
 In yonder *Grove*, she milks her Cows,  
 Then *Homer* returns and cleans her House:  
 She twirls her *MOP*, and humms a Tune  
 Sweeter than *Viol* or *BASSOON*. 2. *Reb.*  
 No *WAAING WAVES* disturb her Ears,  
 No *SHARPER's* Shouts, or Death of *HARES*: 3. *Reb.* 10.  
 These are not in her \* *ALPHABET*,  
 She envies not the *CHAIR* of State;  
 On *SUNDAY* she to Church repairs 2.  
 And aids the † *POOR* with Purse and Pray'r; 5.  
 † *ETERNAL READING* she prefers, 4. †. *Reb.*  
 What Life is happier than hers?  
 \* Alluding to the *Vowels*. † Alluding to a *Brief*. ‡ Alluding to *Space*.

Mess. *Thomas Atkinson, Thomas Baker, John College, Robert Marsh,*  
*John Ramsay, Thomas Sadler, William Swift, Miss Polly Stow,*  
*John Turner*, and others, sent good Poetical Solutions to all the  
*Enigmas*, which cannot be published for want of Room.

All the *Rebuses* answered by Miss *POLLY STOW* of *Stow*.

1. On *READING* your *Rebus* again and again,  
 And *Reading* I found did your *Rebus* explain.
2. At a *Concert* t'other Day, I heard a *BASSOON* sweetly play:  
 I paid my *Money*, enter'd in, and found 'twas play'd by  
*J. Lewin*.
3. From *Gamsters* and *SHARPERS* I always will shift;  
 I Advise you the same, my dear *B—ll—y Sw—ft*!

A general Answer to all the *Rebus's* by Mr. *WILLIAM SWIFT*.

As I a *Rebus* t'other Night, was *READING* o'er by Candle-  
 Light;  
 Surprized was—for at the Door, I heard a *BASSOON* loudly  
 roar:  
 Whilst in that Fright (dear Sirs) I say, a *SHARPER* stole  
 my Book away!

Mr *THOMAS ATKINSON*, of *Ingham* in *Lincolnshire*, gives this Answer  
 to the *Rebuses*.

The *Rebuses* which to conceal you made shift  
 Are *READING, BASSOON*, and my Friend *SHARPER*.

## 32. New Ænigmas, to be answered next Year.

The Will of Man I instantly obey'd,  
 But *one*, for many hundred Years 'tis said;  
 'Till Pride, accursed Pride! enormous grew,  
 Then multiply'd, his Folly to subdue:  
 Nor am I less obsequious than before;  
 But wait his Pleasures on each distant Shore,  
 With Saint, and Sinner; Virtuous, and Profane,  
 'The rude *Barbarian*, and accomplish'd Man:  
 Thro'out the habitable World I'm found,  
 On *Afric's* Soil, and on *European* Ground.  
 'Tis true, I'm not the same in ev'ry Clime,  
 I'm greatly chang'd thro' the long Tracts of Time:  
 Yet as subservient as at first, still prove,  
 And add the Swain y'unfold consubial Love.  
 Could Individuals of the human Race  
 Shine in such Robes as *Solomon* did grace;  
 Could each more Wealth collect, more Wisdom gain,  
 Than he possess'd, 'twou'd useless be and vain,  
 Without *me* who the grateful Relish give  
 To all th'Enjoyments we from Heav'n receive.

IV. Ænigma 223, by Mr. William Hubbard, Parish Clerk of *Seagrave*, in the County of *Leicester*. (To the Tune of *Sternhold and Hopkins*.)

We are a bad pernicious Race,	Not owned by our Makers;
For, they for Gain make us to Cheat;	And they are <i>all</i> Partakers:
Tho' we have Namesakes good and true,	And pleasing to the Eye,
Which they do strive to imitate;	But cannot them come nigh.
We oft impose on old or young,	And those who have no Skill,
Sometimes we slip away when dark,	And please our <i>Master's</i> Will.
Each of our Tribe hath but <i>one</i> Eye;	With <i>half</i> a Mouth in View,
No Teeth nor Tongue tous belong,	Our Face a <i>tawny</i> Hue.
Sometimes <i>one</i> of us cause Dispute,	And are often judg'd by those,
Who do stand by, and find the Cheat,	Then <i>We</i> our Credit lose.
Where we at <i>first</i> our Being had,	'Tis hard to tell from whence,
But it is thought in ————shire	That it did first commence.
But, now we're spread, both far and	In Country, and in Town,
near,	

There's scarce a <i>Market</i> , or a <i>Fair</i> ,	But we're seen up and down.
And now our Name, good <i>Gentlemen</i> ,	Unto <del>the</del> World relate;
We have no Will to <i>screen</i> the same,	Being inanimate.

V. Ænigma 224. by *Thomas Vaughan*, A. M.

From Beasts, and Birds, and Mother Earth, 'tis said,  
 All the Materials come, of which I'm made:  
 I'm very neat contriv'd, in all respects  
 Baffle the Skill of the best Architects.  
 In Groves and flow'ry Meads I'm often seen,  
 Also in *Cbloe's* Chamber I have been;  
 I keep the Youngsters safe and free from Harm,  
 By Day and Night, I help to keep them warm.



# The GENT. Diary ; or, Math. Repository. 33

Tho' so much Pains is taken *me* to rear,  
I seldom ever do survive a Year:  
Take this one Hint, for to remove the Skreen,  
Where'er the *Cuckoo's* heard, I may be seen.

VI. *Ænigma* 225, by Mr. *William Swift*, of *Stow*, near *Lincoln*.

I <i>nothing</i> am; if News say true,	I serve the <i>Ladies</i> when alone
You'll think that strange.—I think	To shew their handy Skill upon;
so too;	And when assembled give 'em
To have me still your Cares employ	Pleasure;
But, when possess'd, I quickly cloy:	I am their chiefest talking Treasure.

VII. *Ænigma*, 226, by *Thomas Vaughan*, A. M.

Diarian <i>Wits</i> , what do you mean,	My Body's long, but very small;
That I'm not in your <i>Diary</i> seen?	Nor Back nor Belly have at all:
To speak the Truth, I needs must	I've Wings, and in my rapid Flight
own,	I oft cause Death, sometimes
That now I'm almost useless grown.	Delight:
Ah! that's the Cause, I plainly	<i>Gents</i> take this Hint, if Fame says
see,	true,
That you have never tho't of me:	The <i>Fair</i> use me, as well as you.

VIII. *Ænigma*, 227, by *Miss Polly Stow*, of *Stow*.

We are <i>four</i> Brethren near of Kin,	Our Cloathings chiefly black;
We often run it to a Pin,	Tho' we're expos'd to wrack.
Reverse to <i>Footmen's</i> Ways indeed	When they design to run,
Pull off their Cloaths to make more	But we have more put on.
Speed;	
When we do strip it is for Shame,	'Cause we have nought to do:
By what's been said pray tell our	We're both your Friend and Foe.
Name.	

IX. *Ænigma*, 228, by Mr. *William Swift*.

From East, West, North, and South I do appear;  
So, what's my Name, pray tell another Year.

X. PRIZE *Ænigma*, 229, by Mr. *Benjamin West*.

Ye Bards, no more of ill-shap'd Monsters dream,  
That spawn in ancient *Nile's* redundant Stream:  
Behold an Object stranger far appear,  
Nor start—my Pow'r you have no Cause to fear.  
Indeed 'tis hard my hideous Shape to tell;—  
Like the dread *Hydra*, or the *Cur* of Hell,  
I many Heads can boast! and (strange Surprise!)  
These Heads are often Pris'ners in my Eyes.  
Thus Wisdom's Goddess, as the Poets feign,  
Confin'd was in the mighty Thund'rer's Brain.  
Two horrid Throats ('tis true) to me belong,  
A monstrous Mouth too, but I've ne'er a Tongue:  
No Feet I boast; yet range the World around;—  
In martial Camps and bloody Battles found.  
When blushing *Sol* illumines the orient Sky,  
And o'er the World displays his radiant Eye,

## 34 New Ænigmas, to be answered next Year.

I mount my Throne; where (to excite your Wonder)  
 Undaunted I receive impetuous Thunder!  
 As the deep Sea furrounds old *Albion's* Land,  
 Annoys th' Attempts of *Gallia's* hostile Band,  
 I thus inthron'd with Splendor often shine,  
 And *Holland* in my mighty Grasp confine!  
 When *Janus'* Temple-Gates wide open stood,  
 An Indication sure of War and Blood;  
 So, when my Portal wide-unlatch'd stands open,  
 Of hasty Deluges no surer Token —  
 Replete with Riches I am often seen  
 Altho' my Pedigree is low and mean.  
 I frequently create domestic Strife,  
 Thro' me Contentions rise 'twixt Man and Wife;  
 Yet (be it known) I'm still inclin'd to Peace,  
 And Modesty without me soon would cease:  
 Now, Sons of *Phæbus* (if I merit Praise)  
 Declare my Name, and wear immortal Bays.

NEW PARADOXES, REBUSES, QUERIES, &c. to be answered in the next Year's Diary.

### I. Rebus, by *Nancy*, a Country Girl.

What gives Refreshment to the drooping Flow'r,  
 What fades the Bloom on *Delia's* lovely Cheek;  
 The Man that has all *England* in his Power:  
 What young and old do ev'ry Day i'th' Week.  
 Their Initial join, and quickly you'll see  
 A Creature esteem'd by all Fair ones but me.

### II. Rebus, by *Mr. John Knowles*.

An ancient City for its Gates renown'd,  
 An Insect, call'd a People most profound;  
 An Engine that o'erturn'd *Solyman's* Tower,  
 A lovely Dame kept in a famous Bower:  
 A Grecian Chief that level'd *Troy's* proud Wall.  
 And what (once past) you never can recall;  
 A River that stop'd *Cæsar's* dread Alarms,  
 Till *Britons* were subdu'd by *Roman* Arms:  
 When these Initials you with Care have penn'd,  
 Will shew the Man who is the *Diary's* Friend.

### III. Rebus, by *Mr. John Ramsay*; of *South-Barr*, *Northumberland*.

To one half of a Name to the Fair often given,  
 Add three Tenths of what pricks, when doubtful of Heaven;  
 These rightly connected, a Thing you'll discern,  
 That's purposely fixed to keep Men from Harm.

### IV. Rebus, by *Mr. James Branscomb*, of *Catford*.

One third of what oft-times makes Virtue a Crime,  
 And half a Duration that far exceeds Time:  
 Cement these together, a City you'll find,  
 Where Swains they are Witty, and Nymphs Fair and Kind.

I. Paradox

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I. Paradox, by Mr. *John Weatherdon*.

Come form a Grove for me, in nine and twenty Rows;  
Twenty-eight Trees dispose, with four in each to be.

II. Paradoxical Problem, by Mr. *Giles Kiltworth*.

Kind *Arist*, tell me how I may dispose,  
Of Trees, twice twenty-four, in thirty Rows;  
So that just six may in each Row appear,  
And you'll oblige your humble *Serviteur*.

III. Paradox, by Mr. *Robert Hall*, of *Share-Lane*.

Ye Sons of Art, pray try your Skill,  
And shew next Year how I may fill  
A Circle, Oval, Square, exactly to a Hair;  
Also, to make the *Jobb* long, ten thousand Holes that's oblong;  
As many *Triangles* if you think proper,  
All this to be done with a *Three-sided Stopper*.

I. Query, by Mr. *John Turner*, of *Heywood in Lancashire*.

Whether do those Monopolizers, who *contrary to Law* buy up Corn, &c.  
with an Intent to sell it at an advanced Price; or those, who encouraged  
by *Law* buy up the same for Exportation, contribute the most towards  
distressing the *Poor*, by raising the Price of Provisions?

II. Query, by Mr. *William Swift*.

Whence did the Custom first arrive,  
Of ringing *Bees* unto their Hive?

III. Query, by Miss *Polly Stow*.

The *Hot-Wells* at *Bath* (which most *Ladies* do know)  
Who first found them out? answer Miss *Polly Stow*.

## ANSWERS to the QUESTIONS in last Year's DIARY.

(1.) Quest. 291, answered by Mr. *Gervase Cliff*, of  
*Ruddington*.

Put  $a=1787$ ;  $b=62.2729$ ;  $c=2166$ . Then, from the  
first Equation  $x=a-y-z$ ; and, by extracting the Square  
Root of the first Equation, and substituting it in the second,

$xy=b-a^{\frac{1}{2}}=d$ ; whence  $x=\frac{d}{y}$ ; making this last equal

to the former, by Reduction  $z=\frac{ay-y^2-d}{y^2}$ ; which Va-

lues of  $x$  and  $z$  substituted in the third Equation, we have

$\frac{ayd-y^2d-d^2}{y^2}+y^2=c$ ; this reduced and brought

into Numbers is  $y^4-2186y^2+35740y-400=0$ .

From which  $y$  is had  $=20$ ; whence  $x=1$ , and  $z=1766$ .

Therefore they were married *January 6, 1766*.

# 36 Questions in 1767, answered.

(2.) Quest. 292, answered by Mr. T. Veffey, at Mr. Allen's School, Spalding.

Let  $p = 3,1416$ ,  $a = 274,75$  Inches,  $x =$  the Length of the shortest Pendulum, then will  $a + x =$  the longest ;  $s = 16\frac{1}{12}$  Feet  $= 193$  Inches ; then per Laws of Gravity ;  $\sqrt{\frac{x}{2s}}$ , and  $\sqrt{\frac{a+x}{2s}}$  will be the Times of Descent of an

heavy Body through half the Length of the respective Pendulums : Therefore, by *Emerfion's* Mechanics 1 Ed. prop.

40.  $1 : p :: \sqrt{\frac{x}{2s}} : p \sqrt{\frac{x}{2s}} =$  Time of one Vibration of the

shortest ; and  $1 : p :: \sqrt{\frac{a+x}{2s}} : p \sqrt{\frac{a+x}{2s}} =$  D<sup>o</sup>. of the

longest Pendulum. Therefore (per *Quest.*)  $p \times \sqrt{\frac{x}{2s}} + \sqrt{\frac{a+x}{2s}} = 7'' = t$ . Or,  $\sqrt{\frac{x}{2s}} + \sqrt{\frac{a+x}{2s}} = \frac{t}{p}$ . Where  $x =$

351,567643 Inches, the Length of the shortest ; and  $\therefore 626,317643$  will be the Length of the longest Pendulum, which was required.

The same answered by Mr. James Young.

Let  $2s$  and  $2d = \frac{1}{2}$  the Sum and  $\frac{1}{2}$  the Difference of the Lengths of the Pendulums ; then  $2s + 2d$ , and  $2s - 2d =$  the Lengths of the Pendulums themselves. Moreover, let

$p = 3,1416$  ;  $f = 16\frac{1}{12}$  Feet  $= 193$  Inches, and  $a = 7''$  ; then (per *Emerfion's* Fluxions, p. 275. 1. Ed.) we shall have

$p \sqrt{\frac{s+a}{f}} + p \sqrt{\frac{s-d}{f}} = a$  ; which Equation rightly

ordered, we shall at last have  $s = \frac{a^4 f^2 + 2 a p^4 d^2}{4 a^2 p^2 f}$  ; or  $2s =$

$\frac{p^4 f^2 + 1 p^4 d^2}{2 a^2 p^2 f} = 488,94255 = \frac{1}{2}$  the Sum of the Lengths ;

consequently the Lengths themselves will be 626,31765. and 351,56765 Inches respectively.

Quest. 293, answered by Mr. Matthew Ward, of Wootley.

$=$  the sine of Lat. (tang.) of  $9^\circ = 1$  ; then by a well-known theorem (Rad.  $= 1$ )  $1 : x :: 1 : tx =$  sine of Decl. and

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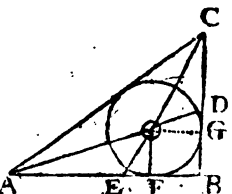
and *per* Quest. = cosine of Latitude  $\therefore tx = \sqrt{1-x^2}$ ;  
whence  $x = \sqrt{\frac{1}{t^2+1}} = ,9877$  the sine of  $81^\circ$  Lat. North,

Decl.  $9^\circ$  South, answering to Feb. 27, or Oct. 17.

The same answered by Mr. *Alexander Rowe*.

Let  $x$  = nat. tang. of  $9^\circ$ . half the Depression;  $x$  = sine Lat. its cof. is  $= \sqrt{1-x^2}$ : Then (*per* Spherics) as 1 (=Rad) :  $t :: x : xt = s$ . Sun's Decl.  $\therefore$  (*per* Quest.)  $tx = \sqrt{1-x^2} \therefore t^2 x^2 + x^2 = 1. \therefore x = \sqrt{\frac{1}{t^2+1}} = ,9876883$ , the sine of  $81^\circ$  the Latitude required.

(4.) Quest. 394, answered by Mr. *William Dixon*.

Let  $AB+BC=70=a$ ,  $AD+CE = 75,4048=b$ ,  $AF=x$ ; and  $OF = OG$  (the Radii of the inscribed Circle, made perpendicular to  $AB$  and  $BC$ )  $=y$ , then will  $x+y=AB$ ,  $a-x-y=BC$ ;  $a-x-2y=GC$ ; and  $a-2y=AC$ . Hence,  $\sqrt{x^2+y^2}$  

$=AO$ , and  $\sqrt{a-x-2y)^2+y^2}=CO$ . Now, *per* sim. Triangles  $x : \sqrt{x^2+y^2} :: y : \frac{y\sqrt{x^2+y^2}}{x} = OD$ , and  $a-x-2y :$

$\sqrt{a-x-2y)^2+y^2} :: y : \frac{y\sqrt{a-x-2y)^2+y^2}}{a-x-2y} = EO$ . Hence

$\sqrt{x^2+y^2} + \frac{y\sqrt{x^2+y^2}}{x} + \sqrt{a-x-2y)^2+y^2} + \frac{y\sqrt{a-x-2y)^2+y^2}}{a-x-2y} = b$ ; but  $\frac{x+y}{2} \times a-x-y = a-y \times y$  the Area of

the Triangle  $ABC$ , whence  $y = x + \frac{1}{2}a - \sqrt{2x^2 + \frac{1}{4}a^2}$ ; which substituted for  $y$  in the above Equation; and solved, gives  $x=30$ ; whence  $AB=40$ ,  $BC=30$ , and  $AC=50$ .

The same answered by Mr. *Al. Rowe*. (see last Fig.)

Put  $AB+BC=70=a$ ;  $BC=3x$ , and  $AB=4x$ ; then

(*per* Quest.)  $3x+4x=a \therefore x = \frac{a}{7} = 10$ ; Hence  $AB=40$ , and

$BC=30$ ; whence (per 47. Eu. 1)  $AC=\sqrt{45^2+30^2}=50$ ; and Area of the  $\triangle ABC=600$ .

N. B. *The rest of the Data being superfluous, because the right angled Triangle ABC is simple and regular.*

(5.) Quest. 295, answered by Mr. James Willis, of Fallowdon, Northumberland.

Put  $a$  = greater,  $e$  = lesser Side of the Parallelogram  $d=4$  the Difference of the Sides; and  $n=320$  = Area. Then (per Quest.)

1.  $a-e=d$

2.  $ae=n$

3.  $a=d+e$

4.  $a=\frac{n}{e}$

5.  $e+d=\frac{n}{e}$  both  $=a$

6.  $e^2+de=n$

C $\square$  7.  $e^2+de+\frac{d^2}{4}=n+\frac{d^2}{4}$

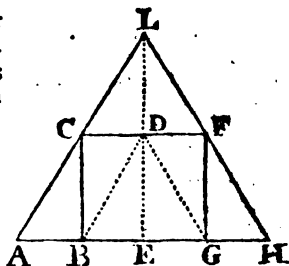
7 $^{uv}$  8.  $e+\frac{d}{2}=\sqrt{n+\frac{d^2}{4}}$

9.  $e=\sqrt{n+\frac{d^2}{4}}-\frac{d}{2}$  From which Equation the

lesser Side is found  $=16$ , and from the 4th Step  $\frac{n}{e}=a=20$  the greater.

Construct the Parallelogram with the Length  $BG=CF=20$ , and Breadth  $BC=GF=16$  (found above). Divide the Length  $BG$  and  $CF$  into two equal Parts in  $E$  and  $D$ , and continue the line  $ED$ .

Produce the Base on both Sides from  $B$  and  $G$ , then draw  $DB$  and  $DG$ ; and parallel to each respectively, draw  $AC$  and  $HF$ , continued till they meet  $ED$  in  $L$ , so shall  $LD$  be  $=16$ , and the whole perpendicular  $EL=32$ ; For  $and GH=GE$ ; consequently the whole Base  $AH=$



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$AH=40$  (*per* Const.) Hence the Area of the circumscribing Triangle (which will be *Isoceles*)  $AHL$  is 640; double the Parallelogram  $BGCF$ .

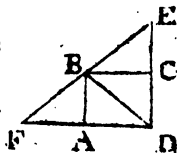
The two Sides  $AL$ ,  $LH$  are found each  $=37.73592$   
(*per* 47. *Eu.* 1.)

## DEMONSTRATION.

Parallelograms constituted upon the same Base, and between the same Parallels, are equal (*per* 36. *Eu.* 1.) Hence it is evident, that the *isoceles* Triangle  $AHL$  is double in Area to the Parallelogram  $BGCF$ ; for the Parallelograms  $ACDB$ ,  $CDBE$  are equal, as well as  $DFGH$ , and  $DFEG$ ; and, for the same Reason, Triangles having equal Bases, and between the same Parallels are equal (*per* 38. *Eu.* 1.) Therefore the Triangle  $CFL$  is = the Triangle  $BDG$ .

The same answered by Mr. *Will. Cave*, Jun. of *Brigg School*.

Let  $x$  be the Length, and  $y$  the Breadth of the Parallelogram: Then  $x=1-4$ ; and  $x=3\cdot0$  (*per* Quest.) *per* last Equation  $x = \frac{3\cdot0}{y}$  which substituted for  $x$  in



the other I get  $\frac{3\cdot0}{y} = y + 4$ ; reduced

$3\cdot0 = y^2 + 4y$ ; solved  $y=16$ , and  $x=20$ : Hence (by Construction) make the  $\triangle BCE = \triangle BCD$ ; and  $\triangle FBA = \triangle ABD$ ; whence I find the Side  $FD=40$ ; and  $ED=32$ ; and (*per* 47. *Eu.* 1) the Side  $FE=51,2249$ .

(6.) Quest. 296, answered by the Rev. Mr. *John Cross*.

Put  $d = \text{fine } 22^\circ 34'$  the Altitude, and  $x = \text{fine of the Declination}$ ; then  $3x - 4x^3 = \text{fine of the Latitude}$ ; then (*per Spherics*)  $d : 1 :: x : 3x - 4x^3$ .  $\therefore x = 3dx - 4dx^3$ , and  $1 = 3d - 4dx^2$ ; then  $2x^2 = \frac{6d-2}{4d} = \text{versed fine of twice the Declination}$ ; then  $\frac{6d-2}{4d} = .1970962 = \text{versed fine } 26^\circ 35' 30''$ .  $\therefore$  the Declination  $= 18^\circ 17' 45''$  May - and the Lat.  $54^\circ 53' 15''$ .

# 40 Questions in 1767, answered.

The same answered by *Henry Tilney*, Scholmaster at *Harlison*.

Put  $a$  = sine of the given Altitude, and  $x$  = the Arc of the Sun's Declination. Then (*per Quest.*)  $3x$  = the Arc of

Latitude, and their Sines will be expressed by  $x - \frac{x^3}{2.3} +$

$\frac{x^5}{2.3.4.5} - \frac{x^7}{2.3.4.5.6.7}$ , &c. And  $3x - \frac{27x^3}{2.3} + \frac{243x^5}{2.3.4.5} -$

$\frac{2187x^7}{2.3.4.5.6.7}$ , &c. (*per Art. 425 Simson's Flux.*) Then  $3x -$

$\frac{27x^3}{2.3} + \frac{243x^5}{2.3.4.5} - \frac{2187x^7}{2.3.4.5.6.7} : 1 :: x : -\frac{x^3}{2.3} + \frac{x^5}{2.3.4.5} -$

$\frac{x^7}{2.3.4.5.6.7} : a :: x - \frac{x^3}{2.3} + \frac{x^5}{2.3.4.5} - \frac{x^7}{2.3.4.5.6.7} = 3ax -$

$\frac{27ax^3}{2.3} + \frac{243a}{2.3.4.5} - \frac{2187ax^7}{2.3.4.5.6.7}$ . Whence  $\frac{27a}{2.3} - \frac{1}{2.3} \times x^2$

$- \frac{243a}{2.3.4.5} + \frac{1}{2.3.4.5} \times x^4 + \frac{2187a}{2.3.4.5.6.7} - \frac{1}{2.3.4.5.6.7} \times x^6$

$= 3a - 1$ . Now by putting  $A, B$  and  $C$  = these Coefficients,

we have  $Ax^2 - Bx^4 + Cx^6 = 3a - 1$ ; which solved gives

$x = .3172026 = 15^\circ 6'$ , Sun's Declination. Whence the

Days of Observation were May 12, and August 1; and the

Latitude of the Place  $54^\circ 18'$ .

(7.) Quest. 297, answered by Mr. *J. Colledge*, of *West-Haddon*.

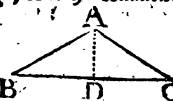
Put  $s$  and  $c$  = sine and cosine of  $15^\circ$

$35'$  = Angles  $ABD$  and  $ACD$ ;  $x = AB$

or  $AC$ ; then (*per Trigon.*) as  $r : x :: s :$

$sx = AD$ ; and as  $r : x :: c : cx = BD =$

$DC$ . And (by the Quest)  $s \times x^2 = 2x + 2cx$ ; reduced  $x =$



$\frac{2 + 2c}{sc}$ ; in Numbers is  $= 15,173$ , the required Side  $AB$  or

$AC$ ; and from thence  $BD$  or  $DC$  is found  $= 14.616$ .

Which Equation gives this universal Theorem for solving all

Questions of the like Nature. To twice the cosine of the

given Angle  $+ 2$ ; the Sum divided by the product of the sine into

the cosine of the given Angle; is = the required Side  $AB$  or  $AC$ .

(8.) Quest. 298 answered by Mr. *Gervase Cliff*, of *Ruddington*.

Put  $a$ , and  $b$ , for the sine and cos of the obliquity of the

$= 23^\circ 29'$ .  $c = \text{tang. } 22^\circ 2' 9''$ ; and  $x$  and  $y$  for the



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the sine and cos. of the meridian Angle. Then (*per Spherics*)

$a : 1 :: y : \frac{y}{a}$  = the cos. of the right Ascens. of the culminat-

ing Point. Again  $\frac{a^2 - y^2}{a} : 1 :: b : \frac{ab}{a^2 - y^2} = \cotang.$  of

its distance from Aries, whose tang. =  $\frac{a^2 - y^2}{ab}$ . But

$\frac{abx - y \times a^2 - y^2}{abx - abc y} = c$  (*per Quest.*) Reduced  $\frac{a^2 - y^2}{a^2 - y^2} =$

$\frac{abx - y \times a^2 - y^2}{abx - abc y}$ , by  $\odot a^2 - y = \frac{a^2 b^2 x^2 - 2 a^2 b^2 c x y + a^2 b^2 c^2 y^2}{y^2 + 2 c x y + c^2 x^2}$

which being reduced out of Fractions is  $a^2 y^2 + 2 a^2 c x y + a^2 c^2 x^2 - y^4 - 2 c x y^3 - c^2 x^2 y^2 = a^2 b^2 x - 2 a^2 b^2 c x y + a^2 b^2 c^2 y^2$ . Whence by substituting  $1 - x^2$  for  $y$  in this last Equation, and Reduction, there arises this following Equation  $x^8 - 3,62705 x^6 + 4,855921 x^4 - 2,771542 x^2 + 5501608 = 0$ ; from which Equation  $x$  is had = .968133 = the nat. sine of  $75^\circ 29' 51''$ . the culminating Point is found to be  $53^\circ 27' 42''$  from Aries.

(9.) Quest. 299, answered by Mr. N. Brownell, Writing-Master, and Teacher of the Mathematics, in *Spon-Street, Coventry*.

Let  $n$  = least, and  $m$  = greatest Digits in the Roots; then will  $n$ ,  $2m$ , and  $3m$ , be the Digits in the Squares: whence we have two Equations;  $100n + 20m + 3m = \overline{10n + m}^2 = 100n^2 + 20nm + m^2$ ; and  $300m + 20m + n = \overline{10m + n^2} = 10m^2 + 20nm + n^2$ ; from the latter of which Equations multiplied by 100, subtract the former, and we have  $9999m^2 + 1980mn = 31977m$ ; whence  $m = \frac{323 - 20n}{100}$ , and

$m^2 = \frac{323 - 20n}{100}$ ; which being put for  $m$  and  $m^2$ , in either

of the above Equations; we have, after Reduction, this Equation,  $n^2 - \frac{334}{9801} n = \frac{6460}{9301}$ ; whence, by completing the

Squa

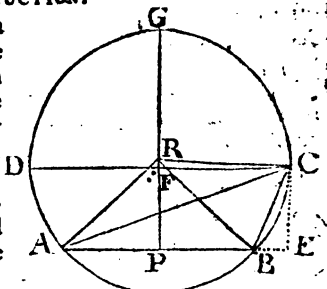
Square, and extracting the Root, we have  $n = \frac{3241}{19602} +$

$$\sqrt{\frac{5460}{9501} + \frac{11102281}{284238404}} = \frac{3341}{19602} + \frac{16261}{19602} = 1, \text{ and } m = 3.$$

Consequently the two square Numbers are, 169, and 961; and their Roots are 13, and 31 respectively. Q. E. I.

(10.) *Quest.* 300, answered by Mr. *William Kingston of Bath.*  
CONSTRUCTION.

By (33. *Eu.* 3) cut off a Segment of the given Circle ABG, to contain the given Angle  $38^{\circ} 44'$  by the Line AB, which bisect in P, by the Perpendicular PG, in which set off PF=30, and draw DC through F parallel to AB. Join AC and BC; so shall the Triangle ABC be that required.

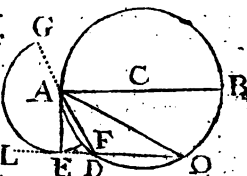


The *Demonstration* is evident, for the Angle ACB is equal the given Angle, and CE=PF the given Perpendicular; and it is inscribed in a Circle whose Radius is 40

*Calculation.* Join AR and BR; then in the Triangle ARB, are given all the Angles, and BR=AR=40; whence AB is found=50,05, and PR=31,203. Then, as BP:RF (=PR-PF=1,203)::sine  $\angle$  PRB the Angle at the Vertex: to the sine of the  $\angle$  RCF= $1^{\circ} 44'$  nearly, whose Complement is the Difference of the Angles at the Base; whence AEC= $114^{\circ} 46'$ , BAC= $26^{\circ} 30'$ ; AC=72,64; and BC=35,67.

The same answered by Mr. *E. Batten.*

CONSTRUCTION. With the Radius AC, or CB=40; describe a Circle ABOD; then on A as a Center, with the Rad. AG or AF=30, describe a Semicircle FEG; draw DO the Chord of the given



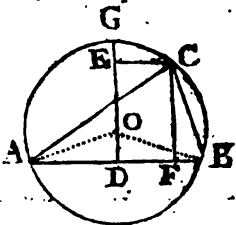
( $38^{\circ} 44'$ ) which produce to L the Semicircle FEG in the Point E; join AD and

# The GENT. Diary; or, Math. Repository. 43

and AO. and the  $\triangle AOD$  is that required. Draw also AE, which will be perpendicular to EO (*per* 18. *Eu.* 3.) Now the Angle DAO being given, therefore the Chord, (or Side) DO is found (*per* Trig.)  $=50,057$ , and the Area  $=750.8355$ .

The same answered by Mr. G. Catii, the Proposer.

**CONSTRUCTION.** With AO = the given Rad. describe the Circle AGCB; from which cut off a Segment AGB to contain the given Angle; bisect AB in D, and through the Center O, draw DG; take DE = the given Perpendicular, and draw EC parallel to AB, meeting the circumference of the Circle in C; join AC and CB, and the Thing is done.



**CALCULATION.**  $\frac{180^\circ - \angle AOB (=77^\circ 28')}{2} = 51^\circ 16'$

$\angle BAO = \angle ABO$ ; and sine of BAO : BO :: s. of AOB : BA; also (*Simp. Trigo. Prop. 13. p. 64.*) 1 : Cot. of half ACB :: 2AE  $\times$  FC : AC + CB + AB  $\times$  AC + CB - AB, whence AC + BC is known; then AB : AEC + CB :: sine of  $\frac{1}{2}$  ACB : cos. of  $\frac{1}{2}$  the Difference of the Angles at the Base; whence the Angles themselves are known; and consequently every Thing else.

(11.) Quest. 301, answered by Mr. John Buddles, of Bushblades, near Newcastle upon Tyne.

Let  $a = AB = 30$ ,  $b = CD = 30$ ,  $c = DE = 40$ ,  $d = AB - CD = 20$ ,  $x = DF$ . (see last Year's Fig.) Then (*per* sim. Triangles)  $\frac{dx + bc}{c}$ , and  $\frac{ax}{c}$  are the length, and breadth of the Base of the upper Solid Cc, at the

Section a c. Now, (*per* Robertson's Mensu.)  $\frac{dx + bc}{c} \times b + \frac{d^2 x^2}{3c^2} \times x =$  Solidity Frustum a CDe; also considering the Solid b De as composed of a Triangular Prism, and two Cunei; its Solidity is thence deduced  $= \frac{bax}{2c} + \frac{dax^2}{3c^2} \times x$ ; but since a bDC must be = bDe (*per* Quest.)  $\therefore$  aCDe

must be = bDe; hence  $\frac{dx + bc}{c} \times b + \frac{d^2 x^2}{3c^2} \times x = \frac{bax}{2c} + \frac{dax^2}{3c^2} \times 2x$ ; by Reduction  $x^2 + 67, x = 210$ . Solved  $x = 28, 27$ , the Distance of the required Section from the Top. Q. E. D.

The same answered by Mr. T. Lelan, of South-Crofton, Leicester-shire.

Put EB = a = 10, CE = b = 40, AB = c = 50, DC = d = 30; and x then (*per* sim. Triangles)  $\frac{ax}{b} = dc$ ; and  $\therefore a = \frac{ab + 2ax}{b}$ ; al

# 44 Questions in 1767, answered.

$\frac{d^2x + 2ax - cx}{b}$ ; and  $b^2 = \frac{cx}{b}$ ;  $\frac{dbcx + 2acx^2}{b^2}$  = the Area of the Section

$b^2$ ; and  $\frac{d^2bx + 2adbx - d^2bx - 1adx^2}{b^2}$

= that of  $ab$ ; and consequently

$\frac{dcx^2}{b} + \frac{2acx^2}{b^2}$ , and  $d^2x + \frac{2adxx}{b}$

$-\frac{d^2xx}{b} - \frac{2adxx^2}{b^2}$ , will be the Fluxions

of the two Solids  $bCc$  and  $aDCb$

respectively; whose Fluents are  $\frac{dcx^2}{2b} + \frac{2acx^3}{3b^2}$ , and  $d^2x + \frac{ddx^2}{b} - \frac{d^2x^2}{2b}$

Therefore (per Quest.)  $\frac{dcx}{2b} + \frac{2acx^2}{3b^2} = d^2 + \frac{addx}{b} - \frac{d^2x}{2b}$

$-\frac{2adxx^2}{3b^2}$ . Whence, putting  $m = \frac{2a \times c + d}{3b^2}$ ; and  $n = \frac{d \times c + d - 2a}{2b}$

you will have  $x = \sqrt{\frac{am^2d^2 + n^2}{2m}} = 28,209$  Inches required.

(12.) Quest. 302, answered by Mr. Thomas Robinson, of Biddick, near Durham.

Put  $2x$  = Transverse Diameter;  $2y$  = Conjugate

$\frac{2y^2}{x}$  = Latus Rectum

$\frac{2y^2}{x} \times 4xy = 8y^3 = 28,209$

Hence  $y = \sqrt[3]{\frac{28209}{8}} = 7, B$

$071 = c$ , and  $\frac{100}{x} = \frac{b}{x}$ , and

$\frac{b}{2x} = PM$ ; then by the

method of drawing Tangents  $AP = x - \sqrt{x^2 - c^2}$ ;  $PC = \sqrt{x^2 - c^2}$ ;  $TP =$

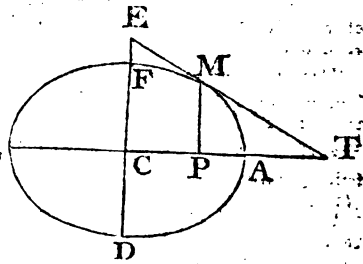
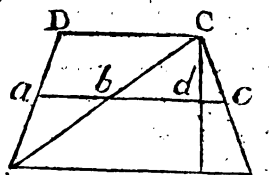
$\frac{c^2}{\sqrt{x^2 - c^2}}$  and  $TC = \frac{x^2}{\sqrt{x^2 - c^2}}$  the Base of the Triangle TCE. Hence

(per sim.  $\Delta$ s) we have, as  $\frac{c^2}{\sqrt{x^2 - c^2}} : \frac{b}{2x} :: \frac{x^2}{\sqrt{x^2 - c^2}} : \frac{bx}{2c^2} = CE$

$\frac{x^2}{\sqrt{x^2 - c^2}} \times \frac{bx}{4c^2} = \frac{bx^3}{4c^2 \sqrt{x^2 - c^2}} = a$  Minimum (per Quest.) This in

$36x^2 \times \sqrt{16c^4x^2 - 16c^6} = \frac{16c^4bx^4}{\sqrt{16c^4x^2 - 16c^6}} = 0$ . Reduced  $x^2$

$= 7,3204$  = Transverse BA;  $14,142$  = Conjugate Dia



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ter FD. Hence  $15=TC$  the Base of the required Triangle; and  $8,6602=CE$  the perpendicular required. W. W. R.

The same answered by Mr. B. Rotheram, of Rotheram.

Let  $x=DE$ ,  $a=AF$ , and  $b=AG$ ; then by

the nature of the Tangent  $CD=\frac{2ax-x^2}{a-x}$ ,

and  $\frac{ax}{a-x}=CF$ ; and by the nature of the

Ellipsis  $a^2:b^2::2ax-x^2:\frac{2ab^2x-b^2x^2}{a^2}=F$

$DL^2$ ; consequently, as  $\frac{2ax-x^2}{a-x}(CD):D$

$\sqrt{\frac{2ab^2x-b^2x^2}{a^2}}(DE)::\frac{a^2}{a-x}(AC):$

$\sqrt{\frac{a^2b^2}{2ax-x^2}}=AB$ . Then  $\frac{a^2}{a-x}\times\sqrt{\frac{a^2b^2}{2ax-x^2}}$

a Min. in Fluxions  $2x^3-6ax^2+5a^2x-a^3=0$ ; by dividing by

$2x^2-2ax+x^2-2ax+\frac{a^2}{2}=0$ ; reduced  $x=a+\frac{a}{\sqrt{2}}$ , which substituted

in  $\sqrt{\frac{a^2b^2}{2ax-x^2}}$ ; and  $\frac{a^2}{a-x}$  shews that the Parallelogram ACHF made

of the transverse and conjugate Diameters is always equal to the Triangle

ABC when a Minimum.

Then because  $2828\frac{1}{2}=b$ ,  $ba$  must needs be the Area of the required

Triangle, which will be the least when the Latus Rectum  $=a=b$ , and

then the Ellipses will have generated into a Circle, whose Diameter

$=2828\frac{1}{2}$ ; and the Triangle will be equal to a fourth Part of its circum-

scribing Square.

(13.) Quest. 303, answered by Mr. Joseph Webster, of Loughborough.

Let  $DA=a$ ;  $BE=b$ ;  $DC=CE=c$ ; then  $FA=a-b$ , for  $FD=BE$ , therefore

$a^2+c^2=AC^2$  (per Eu. 47. 1.) and  $b^2+c^2=BC^2$ ; hence  $a^2+c^2+b^2+c^2=AB^2$ ; also  $a^2-b^2+4c^2=AB^2$ ; whence

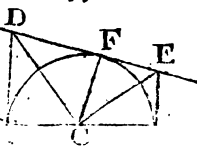
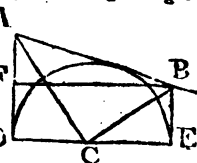
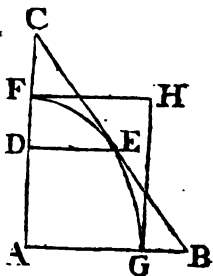
$a^2+c^2+b^2+c^2=a^2-2ab+b^2+4c^2$ . By Transposition  $2ab=2c^2$ ; by dividing both

Sides of the Equation by 2, we shall find  $ab=c^2$ , which was to be demon-

strated.

The same answered by Mr. G. Catti, the Proposer.

Let DE be the Line touching the Circumference of the Circle AFB, in F; and AD and BE the Tangents at A and B, meeting the former in D and E: I say, that  $AD \times BE = AC^2 = CB^2 = CF^2$ ; for join CD and EC, it is manifest that the Triangles ACD, FCD, being right angled at A, and



Respectively, and having the Perpendiculars  $AC=CF$ , and Hypothenuse  $CD$  common, are therefore similar: in the same manner are the Triangles  $FEC$ , and  $BEC$  proved to be similar. Moreover, the Quadrilaterals  $BEFC$ ,  $ADFC$  having their opposite Angles right, and two Sides in each equal, are therefore similar Figures; and consequently the Triangles  $CBE$ ,  $CFE$ ,  $CFD$ , and  $CAD$  are all similar; wherefore  $DA:AC::CB:BE::CF:FE::FD:FC::DA \times BE = AC^2 = FE \times FD$ . *Q. E. D.*

*Cor. 1.* Since  $AC=CF=CB$ .  $\therefore AD$  will be every where  $=DF$ ; also  $FE=EB$ .

*Cor. 2.* Moreover,  $AC$  being  $=CF$ , and  $AD=DF$   $\therefore$  the  $\angle ADF$  is bisected by  $CD$ ; and for the same Reasons the  $\angle FEB$  is bisected by  $CE$ .

*Scholium.* These Properties, which I have never seen taken Notice of by any Author; will (I flatter myself) be found of considerable Use in the Solution of a great Number of Problems.

(14.) *Quest. 304.* answered by Mr. Alex. Rowe, the Proposer.

The Equation of the Curve should have been printed  $a^3 y^2 - xy^2 = 5x^6$  (instead of  $a^3 y^2 = 5x^6$ .) From which  $y^2 = \frac{5x^6}{a^3 - x}$ ; therefore  $cy^2 = x \frac{5cx^5}{a^3 - x}$ .

(where  $c=3,1416$ ) = Fluxion of the Solidity; whose Fluxion is  $\frac{5cx^7}{7a^3 - 7x}$  in which Expression substitute  $a$  for  $x$ ; divide by  $a$ , and it becomes

$\frac{5ca^6}{7a^2 - 7}$  = Solidity, a Minimum. (per *Quest.*) which put into Fluxions is

$30ca^5 a' \times 7a^2 - 7 - 14aa' \times 5ca^6 = 0$ ; Reduced  $a^2 = 1,5$   $\therefore a = \sqrt{1,5} = 1,22474$ , &c. Whence  $y = 5,24934$ , &c. (by substituting the Value of  $a$  for  $x$ , in the first Equation) and Solidity  $= 15,14613$ , &c. the Minimum required.

The Author once more returns his most sincere Thanks to the ingenious Contributors to this *Diary*, in hopes of the Continuance of their Favours, begs leave to assure them, that nothing in his Power shall ever be wanting to promote useful Knowledge, and give proper Encouragement to them all: And as several Letters did not come to Hand this Year till the Copy was almost finished, desires they will take Care to send them within the Time limited; to be left with Mr. Henry Cropper, Attorney at Law, in *Loughborough, Leicestershire, Post paid.*

*Thringston, 27 May, 1767.*

\* \* No Questions shall be published, except their Solutions be sent with them at Large.

NEW MATHEMATICAL QUESTIONS to be answered in the next Year

DIARY.

(1.) *Quest. 305.* by Master William Webb.

Ye prying Wits, I beg you'll be so kind,

From what appears below my \*Age to find;

And (if you please) next Year record the same,

Within your *Diary* of immortal Fame.

$\frac{2}{2} = 17$

$\frac{2}{2} = 109$

\* In Years, Months, and Days.

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(2.) Quest. 306, by Mr. Thomas Atkinson, of Ingham, Lincolnshire.  
Near to fair Lincoln City doth reside;

Fair Hebe, whom I fain wou'd make my Bride:

But she will not (whose Beauty doth excel)

Till I her Age, her Height, and Fortune, tell;

From these Equations, which you see below,

Therefore (dear Gents) some Pity on me show;

Solve them for me, that I may win the Dame,

And I'll record you in the List of Fame.

$$\begin{cases} x^2 + x^2 y^2 z^2 = 657925000324 & \text{Where } x \text{ her Age.} \\ x^2 y^2 + y^2 z^2 = 2031630276 & \text{y her Height in Inches, and} \\ x^2 y^2 z^2 + z^2 = 6579231250000 & \text{z her Fortune in Pounds.} \end{cases}$$

(3.) Quest. 307, by Mr. Thomas Sadler, of New-Hall, Cheshire.

Our Neighbour John has got a folding Wife,

He's (like Socrates) weary'd of his Life:

Xantippe's Noise, will let him have no Ease, Sir,

Tho' he strives hard both Day and Night to please her;

He always bears the harsh perpetual Noise

And, oft at's Head the Tongs and Poker flies:

Pity each Husband, who (like John) is ty'd

To such a Termagant, and peevish Bride;

Ingenious Philomaths,—pray condescend,

Do give Advice to save a quondam Friend,

Who must ere long (when he can bear no more)

Steer off his Course to some Elysian Shore:

Poor Suddaw thinks, to ease his anxious Fears,

He must submit to one whose Name appears

From those Equations which are here subjoin'd,

Advise him better—Artists, be so kind!

$$\begin{cases} \sqrt{w} + x + y + z = 36,732 \\ \sqrt{x} + v + y + z = 27,7416 \\ \sqrt{y} + v + x + z = 25,1231 \\ \sqrt{z} + v + x + y = 36 \end{cases} \quad \begin{cases} \text{Note, } w, x, y, \text{ and } z, \text{ denote the Letters} \\ \text{in the Alphabet that express the Name.} \end{cases}$$

(4.) Quest. 308, by Mr. William Rawle, of Redruth, Cornwall.

To determine an Ellipsis under a given Periphery; when the Rectangle of the Latus Rectum and Distance of the Focus from the Center is a Minimum?

(5.) Quest. 309, by Mr. Robert Langley, of Hitchin, Hertfordshire.

On December 20, 1766, at Night, the arising Point of the Ecliptic was Cancer  $26^{\circ} 4'$ ; and two Hours afterwards, it was Leo  $17^{\circ} 23'$ : Query the Latitude of the Place, and true Hour of the Night; by a quadratic Equation?

(6.) Quest. 310, by Mr. Gervase Cliff, of Ruddington, near Nottingham.

Query, the Dimensions of a Cone inscribed in a given Spheroid, whose transverse and conjugate Diameters are 30 and 20 when its whole Surface is a Maximum?

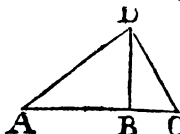
(7.) Quest. 311, by Miss Anna Nicholls, of Hadham, Herts.

I observed three Stars A, B, C; the Distance of the two Stars AB =  $10^{\circ}$ : BC  $20^{\circ}$ ; and AC  $26^{\circ}$ : I also observed a fourth Star D, so situated as to be equally distant from each of the other three. What is Distance?

# 48 Questions in 1767, answered.

(8.) Quest. 312, by Mr. Alex. Rowe, of Reginnis, near Penzance.

Given  $AD \perp 20$  Chairs; and  $AB$  is to  $BC$ , as 5 to 3. Required the Area of the Triangle  $ABD$ ; and also that of  $BCD$ ; when the Rectangle of their Contents is a Maximum?

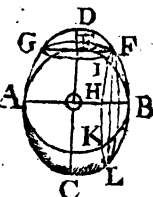


(9.) Quest. 313, by Mr. Laurice, of North Tyne Head, Northumberland.

Admit the antediluvian Earth  $360^\circ$  about; and the Mount of Ararat's Base Diameter 3000 Yards, and the slant Height of it 2000 Yards; the Top Diameter also 2000 Yards (supposing the Mount to be the Frustum of a right Cone), and the Water at the Deluge elevated 15 Cubits above its Top, allowing a Cubit to be 18 Inches: Quere the Tuns of Water brought on the Earth at the Deluge?

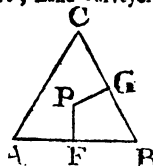
(10.) 314, by Mr. B. Rothcrum, of Rotteram.

Where must the Spheroid  $ABCD$  be cut parallel to the transverse (60) and conjugate (40) Diameters,  $CD$ , and  $AB$ ; so that the solid Part  $FBL$ , may be equal to the Solid Part  $GDF$ ?



(11.) Quest. 315, by Mr. Joseph Webster, of Loughboro', Land Surveyor.

Having the lengths of the two Perpendiculars,  $PF$ ,  $PG$ , drawn from a certain Point  $P$ , within an equilateral Triangle  $ABC$ , to the Sides  $AB$ ,  $BC$ ; from thence to determine the Sides, when the Area is a Minimum?



(12.) Quest. 316, by Mr. Alexander Rowe.

Given the Fluxionary Equation  $4a^6 \dot{x}x^2 - 12a^3 y^3 \dot{x}^2 + 9y^6 \dot{x}^2 = 25m \dot{x}^2$ . Required the value of  $x$  in Terms of  $y$ , when the  $\dot{x} = x^3 \dot{x}$ ?

(13.) Quest. 317, by Mr. William Chapman, of Foxton, Leicest.

As there is a large Sum of Money left to Charitable Uses, at Church-Langton; and is to be applied as intended, when it shall have been out at Interest so long as to bring in a certain Annuity yearly: Now it is required to tell; in What Time 100 Pounds, put out at Compound Interest at 4 l. percent. will bring in an Annuity of 150 l. per annum.

(14.) Quest. 318, A Prize Question, by Mr. Joseph Webster:

Whoever sends the best Solution to it; and the best Poetical general Solutions to all the *Ænigmas*; before Candlemas Day, 1768, shall be entitled to the usual Yearly Prize of *Diaries*.

## PRIZE QUESTION.

In Latitude  $53^\circ$ , on June 20. Suppose I begin at Sun Rising, and walk directly from the Sun, till the time of its Setting, uniformly at the Rate of three Miles in an Hour: Query, How far I shall be from the Place where I began; and also the Curve I shall describe?

P I N I S.



*The* LADIES' *Diary* :  
OR  
Woman's ALMANACK,  
For the YEAR of our LORD 1768.  
Being the BISSEXTILE, or LEAP-YEAR,  
Containing New Improvements in ARTS and SCIENCES,  
And many Entertaining PARTICULARS :  
Designed for the *Use* and *Diversion* of the  
**FAIR-SEX.**

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THEY rule LOVE'S Empire by a Right-Divine :  
Justly their Charms the astonish'd World admires,  
Whom *Royal* CHARLOTTE's bright Example fires.

Printed for the Company of STATIONERS. 1768.

[Price Stitch'd. Nine-Pence.]

# CHRONOLOGICAL OF Remarkable Events.

Y. of Christ.	Y. since	Y. of Christ	Y. since
1600	KING Charles I. Born — 168	1703	Terrible Wind, Nov. 26 — 65
1603	Q. <i>El.</i> Died, K. <i>James</i> Suc. 165	1704	Gibraltar Taken — — 64
1603	A great Plague in London — 165	1704	French beat at Hochstet — 64
1605	Popish Gun-powder Plot — 163	1706	French beat at Ramellies — 62
1625	K. <i>James</i> died, & K. <i>Ch.</i> I. suc. 143	1707	England and Scotland United 61
1641	Bloody Irish Massacre — 127	1708	French beat at Oudenard — 60
1642	Edge-hill Fight — — 126	1709	French beat at Blarques — 59
1643	Newbury Fight — — 125	1713	Peace with France Proclaim'd 55
1644	Marston-Moor Fight — 124	1714	Q. <i>Ann</i> Died, K. <i>Geo.</i> I. Suc. 54
1645	Battle of Naseby — — 123	1715	Rebellion in the North — 53
1649	King Charles I. Beheaded — 119	1716	A very-Great Frost — — 52
1651	Fight of Worcester — — 117	1727	K. <i>Geo.</i> I. Died, & K. <i>Geo.</i> II. Suc. 41
1658	Oliver Cromwell died. — — 110	1739	The last Great Frost — — 29
1660	King Charles II. Restored — 108	1739	War against Spain declared — 29
1665	Last great Plague in London, } whereof died 68,586 Persons } 103	1743	A Great Comet appeared — 25
1666	Great Fire in London — — 102	1744	War against France declared — 24
1685	K. <i>Ch.</i> II. died, K. <i>Ja.</i> II. suc. 83	1745	Rebellion in Scotland — — 23
1685	Duke of Monmouth Beheaded 83	1748	A General Peace — — 20
1688	Prince of Orange Landed — 80	1752	New-Style first used in Eng. 16
1688	King James II. Abdicated — 80	1756	War against France declared — 12
1689	K. <i>Wil.</i> and Q. <i>Mary</i> Crown'd 79	1760	K. <i>Geo.</i> II. Died, K. <i>Geo.</i> III. Suc. 8
1702	K. <i>Wil.</i> died, and Q. <i>Ann</i> suc. 66	1762	War against Spain declared — 6
1702	War against France declared 66	1763	Peace with France & Spain proc. 5

## BIRTH-DAYS, [N.S.] and YEARS, of the ROYAL-FAMILY of Great-Britain.

KING GEORGE III. June 4, 1738	Pa. Dow. of Wales, Nov. 30, — 1719
Prince of Wales, August 12, 1762	Mary, Pa. of Hesse, March 5, 1722
Pr. Frederick, Aug. 16, — — 1763	Pa. Augusta of Brunswick, Aug. 11, 1737
Pr. William Henry, Aug. 21, — 1765	Duke of Gloucester, Nov. 25, — 1743
Pr. Charl. Aug. Mat. Sept. 29, — 1766	Duke of Cumberland, Nov. 7, — 1745
Queen Charlotte, May 19, — 1744	Pr. Louisa Ann, March 19, — 1749
Pr. Amelia, June 10, — — 1711	Queen of Denmark, July 22, — 1751

## YEARS of Births of the Principal Sovereign PRINCES in EUROPE.

Maria Theresa, Emp. Queen, 1717	Joseph, K. of Portugal, — — 1714
Catherine, Emp. of Russia, 1729	Ch. Frederick, K. of Prussia, — 1712
Louis XV. K. of France, — 1710	Charles Emanuel, K. of Sardinia, 1701
Charles, K. of Spain, — — 1716	Clement XIII. Pope, — — 1693
Ad. John Fred. K. of Sweden, 1710	Mustapha, Grand Seigneur, — 1716
Ch. K. of Denmark, — 1723	

1708. January hath AAAI Days. [35. 70 Deg.]

Full Moon, 4th, 57 m. past 3 morn.  
 Last Quarter, 12th, 56m. past 3 morn.  
 New Moon, 19th, 58 m. past 5 aftern.  
 First Quarter, 26th, 54 m. past 10 morn.

Sun enters ~  
 19th. 22 h. 12m.  
 Apparent Time.

1	R	Circumcision; or, New-	8	53	55	23	4	5	25	11	
2	S	[Year's-Day		5	55	22	58	6	44	12	
3	C	2 S. aft. Christmas.		4	56		52	7	37	13	
4	M			3	57		46	8	37	14	
5	T	Old CHRIST-MASS-DAY		2	58		39	5	A 42	15	
6	W	Epiphany: Twelfth-Day		1	59		32	6	57	16	
7	T			0	4	0	25	8	7	17	
8	F	Lucian, Pr. and Martyr	7	59		1	17	9	17	18	
9	S			58		2	9	10	26	19	
10	C	1 Sunday after Epiphany		57		3	1	11	35	20	
11	M	Plough-Monday		56		4	21	52	Morn.	21	
12	T	Old New-Year's-Day		55		5	42	6	41	22	
13	W	Hilary. Cam. Term Beg.		54		6	32	1	51	23	
14	T	Of. Term Begins.		53		7	21	3	2	24	
15	F			51		9	10	4	13	25	
16	S	[Twelfth-Day		50		10	20	5	19	26	
17	C	2 Sund. after Epiph. Old		49		11	48	6	25	27	
18	M	Q. Charlot. Birth-D. kept		48		12	37	7	33	28	
19	T	[Prisca, M.		46		14	24	8	35	29	
20	W	Fabian. In 8 days of S. Hil.		45		15	11	5	A 28	1	
21	T	Agnes. [1 Ret.		44		16	19	58	6	35	2
22	F	Vincent, Martyr		42		18	45	8	20	3	
23	S	Hilary TERM Begins		41		19	31	9	45	4	
24	C	3 Sunday after Epiphany.		40		20	16	11	10	5	
25	M	Conversion of St. PAUL		38		22		1	Morn.	6	
26	T			36		24	18	46	0	34	7
27	W	From day of S. Hil. in 15		35		25	31	1	56	8	
28	T	[days, 2 Ret.		33		27	16	3	16	9	
29	F			31		29		1	4	27	10
30	S	K. CHARLES I. Martyr'd		30		30	17	44	5	23	11
31	C	Septuagesima-Sunday		28		32	27	6	6	12	

Days	L. of D.	Day Inc.	D. breaks	Sun East.	Tw. ends	C bef. S.	7 Stars S	
1	7	50	0	6	0	4	b. 2	8 A 4
6		57	13	5	58	43	6	19
11	8	7	23		54	46	6	25
16		29	35		49	49	11	10
21		32	48		44	53	16	11
26		47	1	3	38	57	22	13

[35. 62 Degrees.]

68. June hath XXX Days. [57. 60 Degrees.]

Quarter, 7h. at midnight  
w Moon, 14th, 54 m. past 3 aftern.  
Quarter, 22d, 57 m. past 3 morn  
Moon, 30th, 55 m. past 3 morn

Sun enters ☉  
20 h. 12 h. 46 m.  
Apparent Time.

Nic P. & M. Dxt. Term B.	3	51	8	9	22	10	9	A 30	16
Corpus Christi		50		10		18	10	12	17
Trinity TERM Begins		49		11		25		45	18
K. GEORGE III. B. 1738		48		12		31	11	11	19
1 S. after Trin. Boniface		48		12		38		31	20
In 8 days of H. Trin. 2 Ret.		47		13		44		51	21
		47		13		50		Morn.	22
		46		14		56	0	7	23
		46		14	23	2		24	24
Princess Amelia Born 1711		45		15		7		42	25
St. BARNABAS		45		15		11	1	4	26
2 Sunday after Trinity		44		16		14		34	27
In 15 days of H. Tr. 3 Ret.		44		16		17	2	13	28
		44		16		20		sets	29
		43		17		23	9	A 15	1
St. Alban		43		17		25		51	2
						27	0	15	3
						28		34	4
3 Sunday after Trinity						29		50	5
Edward. In 3 Weeks of H.						29	11	4	6
Longest Day. [Tr. 4 Ret.						29		19	7
TERM Ends						28		33	8
						27		50	9
St. John Bap. Midsum. Day		43		17		26		Morn.	10
		44		16		24	0	9	11
4 Sunday after Trinity		44		16		22		32	12
		44		16		20	1	4	13
		45		15		18		46	14
Sp. Peter and St. Paul.		45		15		15	2	39	15
		46		14		11		riser	16

of D.	Day incr.		Sun East		Clo. aft. S.	Stars So.
6	19	8 35			2 a. 39	10 M 54
27		43	7 16		1 50	34
30		46	18		1 50	34
34		49	19		0 52	14
35		51	20		0 b. 10	9 55
34	decr.	1	20		1 12	32
			20		2 18	11

[59. 82 Degrees.]

**1768. July hath XXXI Days.** [61. 25 Degrees.]

**Last Quarter,** 7th, 8 m. past 5 morn.  
**New Moon,** 14th, 56 m. past 1 morn.  
**First Quarter,** 21st, 5 m. past 9 night  
**Full Moon,** 29th, 54 m. past 1 aftern.

**Sun enters ♍**  
 21st 23 h. 45 m.  
**Apparent Time.**

1	F		3	40	8	23	9	A	9	17
2	S	Visitation of B. V. Mary	47	13		2	33			18
3	B	5 Sunday after Trinity	47	13	22	57	51			19
4	M	Martin, Bishop	48	12		52	10	9		20
5	T	Old Midsum. D. Camb.	49	11		47		27		21
6	W	[Commencement	50	10		41		43		22
7	T		50	10		34	11	4		23
8	F	Camb. Term Ends	51	9		28		30		24
9	S		52	8		21		Morn.		25
10	B	6 Sunday after Trinity	53	7		13	0	4		26
11	M	Oxford Act	54	6		5		49		27
12	T		55	5	21	50	1	47		28
13	W		56	4		47	2	58		29
14	T		57	3		38		D sets		30
15	F	Sawthins, B. of Winchester	58	2		28	8	A 34		1
16	S	Oxford Term Ends	59	1		18		51		2
17	B	7 Sunday after Trinity	4	C	0	8	9	7		3
18	M		1	7	59	20	58	21		4
19	T		2		58		47	36		5
20	W	Margaret	3		57		35	51		6
21	T		4		56		24	10	9	7
22	F	Q. of Denmark Bo. 1751.	5		55		12		33	8
23	S	[Magdalen	6		54		C		58	9
24	B	8 Sunday after Trinity	7		53	29	47	11	35	10
25	M	St. JAMES, Apostle	5		5		34		Morn.	11
26	T	St. Anne, Mother of V. M.	11		50		21	0	25	12
27	W		12		48		8	1	25	13
28	T		13		47	18	54	2	36	14
29	F		15		45		40		M rises	15
30	S	Dog-Days Begin	16		44		2	7	54	16
31	B	9 Sunday after Trinity	17		43		10	8	13	17

Days L. of D.	Day dec.	D. breaks	Sun	East.	Tw. ends.	Clo. bet S.	Stars So
1	16 29	0	6	7	19	3 b. 18	8 M 51
16	20	15	No real	18	No real	4 11	31
17	22	23		16		56	10
18	2	33	Night.	13	Night.	5 30	7 50
21	15 50	51		9		51	
26	36	59	0 46	5	11 11	57	

[61. 27 Degrees.]

XXI Days. [60. 34 Deg.]

1st *Quarter* Sun 7 m. past 5 mora.  
 2nd *Quarter* Sun 12 h. 2 m. 1 mora.  
 3rd *Quarter* Sun 5 m. past 2 afera.  
 4th *Quarter* Sun 12 h. 2 m. 1 mora.

Sun enters 22d. 6 h. 2 m.  
 Apparent Time.

1st <i>Quarter</i> Sun	20	47	17	55	8 A	31	18
2nd <i>Quarter</i> Sun	21	39	40		49		19
3rd <i>Quarter</i> Sun	22	37	2	9	10		20
4th <i>Quarter</i> Sun	23	30	6		34		21
1st <i>Quarter</i> Sun	24	34	16	51	10	7	22
2nd <i>Quarter</i> Sun	25	33	32		46		23
3rd <i>Quarter</i> Sun	26	31	17	11	39		24
4th <i>Quarter</i> Sun	27	29			Morn.		25
1st <i>Quarter</i> Sun	28	27	15	43	0	44	26
2nd <i>Quarter</i> Sun	29	25	2	1	58		27
3rd <i>Quarter</i> Sun	30	24		3	16		28
4th <i>Quarter</i> Sun	31	22	14	49	4	34	29
1st <i>Quarter</i> Sun	32	21		52	2	10	30
2nd <i>Quarter</i> Sun	33	19		13	7 A	30	31
3rd <i>Quarter</i> Sun	34	17	13	54		46	32
4th <i>Quarter</i> Sun	35	15		35		59	33
1st <i>Quarter</i> Sun	36	14		10	8	18	34
2nd <i>Quarter</i> Sun	37	12	12	57		37	35
3rd <i>Quarter</i> Sun	38	10		5	9	2	36
4th <i>Quarter</i> Sun	39	8		17		35	37
1st <i>Quarter</i> Sun	40	6	11	57	10	9	38
2nd <i>Quarter</i> Sun	41	4		27	1	12	39
3rd <i>Quarter</i> Sun	42	2		16		Morn.	40
4th <i>Quarter</i> Sun	43	0	0	10	50	0	41
1st <i>Quarter</i> Sun	44	16	50		34	1	42
2nd <i>Quarter</i> Sun	45	5	57		15	2	43
3rd <i>Quarter</i> Sun	46	5	55	9	52	3	44
4th <i>Quarter</i> Sun	47	7	53		31	6 A	45
1st <i>Quarter</i> Sun	48	9	51		10	7	46
2nd <i>Quarter</i> Sun	49	11	49	8	48		47
3rd <i>Quarter</i> Sun	50	13	47		27		48

1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th	11th	12th	13th	14th	15th	16th	17th	18th	19th	20th	21st	22nd	23rd	24th	25th	26th	27th	28th	29th	30th	31st	32nd	33rd	34th	35th	36th	37th	38th	39th	40th	41st	42nd	43rd	44th	45th	46th	47th	48th	49th	50th	51st	52nd	53rd	54th	55th	56th	57th	58th	59th	60th
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60

[56. 38 Degrees.]

1768. September hath XXX Days. [56. 28 Deg.]

Last Quarter, 3d, 56 m. past 2 aftern.  
 New Moon, 11th, 54 m. past 2 morn.  
 First Quarter, 19th, 58 m. past 7 morn.  
 Full Moon, 26th, 57 m. past 8 morn

Sun enters ☉  
 22d. 2 h. 14 m.  
 Apparent Time.

1	T	Giles, Abbot	5	15	6	45	8	5	8	A15	20
2	F	LONDON Burnt, 1666, O.S.		16		44	7	43		52	21
3	S			18		42		21	9	42	22
4	B	14 Sunday after Trinity		20		40	6	59	10	44	23
5	M			22		38		37	11	55	24
6	T			24		36		14		Morn.	25
7	W	Dog-Days End		26		34	5	52	1	10	26
8	T	Nativity of B. V. Mary		28		32		29	2	26	27
9	F			30		30		6	3	41	28
10	S			32		28	4	43	4	52	29
11	B	15 Sunday after Trinity		34		26		19		sets	30
12	M			36		24	3	57	6	A14	1
13	T			38		22		34		32	2
14	W	Holy-Rood-day		40		20		11		51	3
15	T			42		18	2	48	7	16	4
16	F			44		16		25		45	5
17	S	Lambert, Bishop		46		14		1	8	22	6
18		16 Sunday after Trinity		48		12	1	38	9	11	7
19	M			50		10		14	10	10	8
20	T	[Ember Week		52		8	0	51	11	19	9
21	W	St. Matthew, Apostle		54		6		28		58	10
22	T	K. George III. Cor. 1761		56		4		5		Morn.	11
23	F	Equal Day and Night		58		2	0	51	1	5	12
24	S		6	0		0		43	3	18	13
25	B	17 Sunday after Trinity		2	5	58	1	6	4	44	14
26	M	Cyprian		4		56		30		rides	15
27	T			6		54		53	5	A57	16
28	W			8		52	2	17	6	23	17
29	T	St. MICHAEL. Ps. Char.		10		50		45		55	18
30	F	[Aug. Mat. Bo. 1766		11		49	3	3	7	48	19

Days	L. of D.	Day dec.	D. breaks	Sun	East.	Tw. ends	Clo. aft. S.	7 Stars	Set						
1	13	28	3	7	3	7	6	27	8	53	0	a. 28	4	M	50
6		10		25		21		21		39	2	6			32
11	12	50		45		34		14		26	3	48			14
16		30	4	5		45		8		15	5	32	3		56
21		11		25		56		2		4	7	15			30
26	11	50		45	4	7	5	56	7	53	8	58			2

[54. 37 Degrees.]

# 68. June hath XXX Days. [57. 60 Degrees.]

Quarter, 7h, at midnight  
 w Moon, 14th, 54 m. past 3 aftern.  
 t Quarter, 22d, 57 m. past 3 morn  
 I Moon, 30th, 55 m. past 3 morn

Sun enters ☉  
 20 h. 12 h. 46 m.  
 Apparent Time.

Nic P. & M. <del>Oct</del> Term B.	3	51	8	9	22	10	9	A 30	16
Corpus Christi		50		10		18	10	12	17
Trinity TERM Begins		49		11		25		45	18
K. GEORGE III. B. 1738		48		12		31	11	11	19
1 S. after Trin. Boniface		48		12		38		31	20
In 8 days of H. Trin. 2 Ret.		47		13		44		51	21
		47		13		50		Morn.	22
		46		14		56	0	7	23
		46		14	23	2		24	24
Princess Amelia Born 1711		45		15		7		42	25
St. BARNABAS		45		15		11	1	4	26
2 Sunday after Trinity		44		16		14		34	27
In 15 days of H. Tr. 3 Ret.		44		16		17	2	13	28
		44		16		20		sets	29
		43		17		23	9	A 15	1
St. Alban		43		17		25		51	2
	Longest Day at Lond.					27	0	15	3
	is 16 h. 35 m. 6 sec.					28		34	4
3 Sunday after Trinity	allowing 9 m. 54 sec.					29		50	5
Edward. In 3 Weeks of H.	for Refraction.					29	11	4	6
Longest Day. [Tr. 4 Ret.						29		19	7
TERM Ends						21		33	8
						27		50	9
St. John Bap. Midsum. Day		43		17		26		Morn.	10
		44		16		24	0	9	11
4 Sunday after Trinity		44		16		22		32	12
		44		16		20	1	4	13
		45		15		18		46	14
St. Peter and St. Paul.		45		15		15	2	39	15
		46		14		11		sets	16

L. of D.	Day incr.		Sun East		Clo. aft. S.	Stars So.
16 19	8 35	No real Night but conf. Day- light or Twil.	7 16	No real Night but conf. Day- light or Twil.	2 a. 39	10 M 34
27	43		18		1 50	34
30	46		19		0 52	14
34	49		20		0 b. 10	9 55
35	51		20		1 12	32
36 decr.	1		20		2 18	11



1768. July hath XXXI Days. [61. 25 Degrees.]

Last Quarter, 7th, 8 m. past 5 morn.  
 New Moon, 14th, 56 m. past 1 morn.  
 First Quarter, 21st, 5 m. past 9 night  
 Full Moon, 29th, 54 m. past 1 aftern.

Sun enters ♌  
 21st 23 h. 45 m.  
 Apparent Time.

1	F		3	40	8	23	9	A	9	17
2	S	Visitation of B. V. Mary	47	13			33			18
3	B	5 Sunday after Trinity	47	13	22	57	51			19
4	M	Martin, Bishop	48	12		52	10	9		20
5	T	Old Midsum. D. Camb.	49	11		47		27		21
6	W	[Commencement	50	10		41		43		22
7	T		50	10		34	11	4		23
8	F	Cambz. Term Ends	51	9		28		30		24
9	S		52	8		21	Morn.			25
10	B	6 Sunday after Trinity	53	7		13	0	4		26
11	M	Oxford Act	54	6		5		49		27
12	T		55	5	21	50	1	47		28
13	W		56	4		47	2	58		29
14	T		57	3		38		D sets		30
15	F	Switthin, B. of Winchester	58	2		28	8	A 34		1
16	S	Oxford Term Ends	59	1		18		51		2
17	B	7 Sunday after Trinity	4	C	0	8	9	7		3
18	M		1	7	59	20	58	21		4
19	T		2		58		47	36		5
20	W	Margaret	3		57		35	51		6
21	T		4		56		24	10	9	7
22	F	Q. of Denmark Bo. 1751.	5		55		12	33		8
23	S	[Magdalen	6		54		C		58	9
24	B	8 Sunday after Trinity	7		53	29	47	11	35	10
25	M	St. JAMES, Apostle	5		5		34	Morn.		11
26	T	St. Anne, Mother of V. M.	10		50		21	0	25	12
27	W		12		48		8	1	25	13
28	T		13		47	18	54	2	36	14
29	F		15		45		40		risen	15
30	S	Dog-Days Begin	16		44		2	7	54	16
31	B	9 Sunday after Trinity	17		43		10	8	13	17

Days L. of D.			Day dec.	D. breaks	Sun East.	Tw. ends.	Clo. bet S.	Stars So	
1	26	29	0	6	7	19	No real	3 b. 18	8 M 51
6		20		25		18	No real	4 11	31
11		22		23		16		56	10
16		2		33	Night.	13	Night.	5 30	7 50
21	15	50		51		9		51	22
26		36		59	0 46	5	11 11	57	

[61. 27 Degrees.]

# 1768. October hath XXXI Days. [48. 60 Deg]

1st Quarter, 2d, at midnight  
**New Moon**, 10th, 57 m past 7 night  
 First Quarter, 18th, 58 m past 10 night  
**Full Moon**, 25th, 55 m. past 5 night

Sun enters m  
 22d. 9h. 49 m.  
 Apparent Time.

1	S	Remigius, Bishop	6	13	5	47	3	27	8	A	47	20
2	B	18 Sunday after Trinity	15	45			50	9	55			21
3	M		17	43			4	13	11	10		22
4	T		19	41			36	Morn.				23
5	W		21	39			5	0	0	26		24
6	T	Faith, Virgin and Martyr	23	37			23	1	40			25
7	F		25	35			40	2	51			26
8	S		27	33			6	9	4	2		27
9	B	19 S. aft. Tr. St. Dennis	29	31			32	5	11			28
10	M	Old Mich. Day. Of. and	31	29			54	6	27			29
11	T	[Cam. Terms. B.]	33	27			7	17		sets		1
12	W		35	25			39	5	Az	8		2
13	T	Edward, King and Martyr	37	23			8	2		55		3
14	F		39	21			24	6	29			4
15	S		41	19			46	7	14			5
16	B	20 Sunday after Trinity	43	17			9	8	8	9		6
17	M	Esteldred, Virgin	45	15			30	9	13			7
18	T	St. LUKE, Evangelist	47	13			52	10	25			8
19	W		49	11			10	14	11	41		9
20	T		51	9			36	Morn.				10
21	F		53	7			58	0	58			11
22	S		55	5			11	20	2	18		12
23	B	21 Sunday after Trinity	57	3			4	3	42			13
24	M		59	1			12	1	5	10		14
25	T	K.G. III. Ac. 1760. Criffin	7	1	4	59		22		risen		15
26	W	K. GEO. III. Procl. 1760.	3	57			42	4	A	59		16
27	T		5	55			13	2	5	42		17
28	F	St. Simon and St. Jude Ap.	6	54			22	6	38			18
29	S		8	52			42	7	45			19
30	B	22 Sunday after Trinity	10	50			14	1	9			20
31	M		11	49			21	10	19			21

Days	L. of D	Day dec.	D. breaks	Sun East.	Tw. ends.	Clo. art.	S. 17	Stars	Ob.
1	11	52	5 3	4 19	5 50	7 41	10 35	3 M	3
6		52	23	30	44	30	12 4		45
11	10	52	43	40	37	20	13 24		26
16		32	6 3	50	31	10	14 31		7
21		12	23	59	25	1	15 23	1	49
26		52	43	5 8	19	6 52	57		28

[46. 04 Degrees]

1768. November hath XXX Days. [42. 38 Deg.]

Last Quarter, 1st, at noon  
 New Moon, 9th, 5 m. past 2 aftern.  
 First Quarter, 17th, at 1 aftern.  
 Full Moon, 24th, 3 m. past 4 morn.

Sun enters ♉  
 21st, 5 h. 40 m  
 Apparent Time.

1	T	All Saints	7	13	4	47	14	41	11	A	34	22
2	W	All Souls	15	45	15	0	Morn					23
3	T	On mor. of All Souls, 1 Ret.	17	43	10	0	46					24
4	F		19	41	37	1	55					25
5	S	Powder-Plot, 1605, O. S.	20	40	55	3	5					26
6	B	23 Sunday after Trinity	22	38	16	13	4	13				27
7	M	D. of Camb. Born 1745.	23	37	31	5	23					28
8	T	[Mich. TERM Beg.	25	35	48	6	29					29
9	W	Ld. Mayor's Day at Lond.	27	33	17	4	7	26				30
10	T		29	31	23	5	15					1
11	F	St. Martin	30	30	39	5	A	15				2
12	S	On mor. S. Martin, 2 Ret.	31	29	55	6	6					3
13	B	24 S. aft. Trin. Britius, B.	32	27	18	11	7	7				4
14	M		35	25	27	8	14					5
15	T	Macbutus, Bishop	36	24	42	9	27					6
16	W		37	23	57	10	41					7
17	T	Hugh, Bishop of Lincoln	39	21	19	12	11	57				8
18	F	In 8 days of S. Martin, 3 Ret.	41	19	26	Morn.						9
19	S		43	17	40	1	16					10
20	B	25 S. aft. Trin. Edmund;	44	16	54	2	38					11
21	M	[King and Martyr	45	15	20	3	4	2				12
22	T	Cecilia, Old Martinmas-D.	47	13	20	5	30					13
23	W	St. Clement	48	12	37	6	5					14
24	T		50	10	44	7	15					15
25	F	D. of Glo. Bo. 1743. In	51	9	59	5	A	18				16
26	S	[15 days of S. Mart. 4 Ret.	52	8	21	6	34					17
27	B	Advent-Sunday	53	7	10	7	5					18
28	M	Michaelmas TERM Ends	54	6	23	9	10					19
29	T	[1719	5	5	32	10	26					20
30	W	St. Andrew. Ps. Dow. B.	57	3	48	11	30					21

Days	L. of D.		Day dec.		D breaks		un East.		Tw. ends		No. at S		Stars No	
1	9	32	7	3	5	17	5	13	6	43	16	2	14	1 M 7
6		14		21		24		7		36		6		0 47
11	8	58		38		30		2		30	15	33		27
16		43		52		36	4	57		24	14	42		6
21		28	8	7		43		53		17	13	38	11	47
26		15		15		49		49		11	12	3		

[38. 99. Degrees.]

1768. December hath XXXI Days. [38. 86 Deg.]

Last Quarter, 1st, 54 m. past 3 morn.  
 New Moon, 9th, 56 m. past 8 morn.  
 First Quarter, 16th, 53 m. past 10 night  
 Full Moon, 23d, 57 m. past 2 aftern.  
 Last Quarter, 30th, 55 m. past 10 night

'Sun enters v  
 20th. 17 h 44 m  
 Apparent Time.

1	A		7	58	4	2	21	56	Morn.	22
2	F			59		1	22	7	0	48
3	S		8	C				15	1	57
4	B	2 S. in Advent. Barbara		13	59		23	3	4	25
5	M			2	58		30	4	11	26
6	T	Nicholas, Bishop		3	57		37	5	18	27
7	W			3	57		43	6	24	28
8	T	Concep. B. V. M.		4	56		49	7	26	29
9	F			5	55		56	8	sets	30
10	S			5	55	23	1	4	A 50	1
11	B	3 Sunday in Advent		6	54		6	5	56	2
12	M			6	54		11	7	7	3
13	T	Lucy, Virgin and Martyr		7	53		16	8	21	4
14	W	Ember-Week		7	53		18	9	35	5
15	T			7	53		21	10	52	6
16	F	Cam. Term Ends		8	52		23	Morn.		7
17	S	Off. Term Ends		8	52		25	0	9	8
18	B	4 Sunday in Advent.		8	52		27	1	30	9
19	M			8	52		28	2	53	10
20	T			8	52		29	4	18	11
21	W	St. Thomas. Shortest Day		8	52		29	5	44	12
22	T			8	52		28	6	56	13
23	F			8	52		27	7	sets	14
24	S			8	52		25	5	A 11	15
25	B	CHRIST-MASS-DAY		7	53		23	6	30	16
26	M	St. STEPHEN		7	53		21	7	50	17
27	T	St. JOHN		7	53		18	9	6	18
28	W	Holy Innocents		6	54		15	10	18	19
29	T			6	54		11	11	28	20
30	F			5	55		7	Morn.		21
31	S	Sylvefter		5	55		3	0	36	22

Days	L. of D.	Day	decr.	D. break	sun	East.	Tw. ends	Clo. aft. S.	7 Stars	So.
1	8	3	8	32	5	55	4	46	6	5
6	7	54		41	58		43		8	25
11		47		48	59		41		1	5
16		43		52	6	0	40		0	3
21		43		52		1	40		5	59
26		45	Incr.	2		0	40		6	0
									10 a.	19
									8	25
									5	48
									3	35
									1	4
									1 b.	27
									10 A	59
										37
										15
										53
										31
										9

[38. 20 Degrees.]

# CHRONOLOGICAL NOTES for 1768.

Golden Number	2	Shrove-Tuesday	Feb. 16
Cycle of the Sun	13	Easter-Day	April 3
Epoë	11	Whit-Sunday	May 22
Roman Indiction	1	Trinity-Sunday	May 29
Dominical Letters	C B	Advent-Sunday	Nov. 27

## ECLIPSES in 1768.

THERE will happen Six Eclipses this YEAR; Three of the *Sun*, Invisible. and Three of the *Moon*, Visible in Great-Britain.

The First is of the *Moon*, on *Monday* the 4th of *January*, in the Morning, according to the following Calculations.

MOON Ecl. Jan. 4th. A.M.	Ap. Time	Begin.	Mid.	End.	Dur.	D. Ec.
		h. ' "	h. ' "	h. ' "	h. ' "	° ' "
Mr. W. Chapman, for Foxton, Leicesters.		3 12 $\frac{1}{2}$	4 23	5 33 $\frac{1}{2}$	2 21	4 54
Mr. T. Allen, for Spalding, Lincolnsh.		3 17	4 24	5 32 $\frac{1}{2}$		4 34
Mr. J. Metcalf, for London — —		3 13 $\frac{1}{3}$	4 24 $\frac{1}{2}$	5 35 $\frac{1}{2}$	2 22 $\frac{1}{4}$	4 57 $\frac{1}{2}$

This Eclipse will be Visible to all *Europe*, *America*, and great Part of *Africa*.

The Second is of the *Sun*, on *Tuesday* the 19th of *January*, about 6 o'Clock in the Afternoon, Visible in *North-America*.

The Third is a Total Lunar Eclipse, on *Thursday* the 30th of *June*, in the Morning, corresponding to the following Calculations.



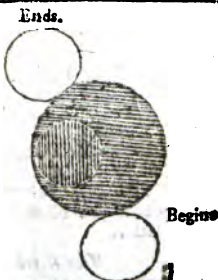
Moon Ecl. June 30th.	Beg. of Eclipse.	Beg. of tot. Da.	Middle.	End of tot. D.	End of Eclipse	Durat. Eclipse	Digits Eclipse'd
A. M. Ap. Time.	h. ' "	h. ' "	h. ' "	h. ' "	h. ' "	h. ' "	° ' "
W. Chapman, for Foxton	2 4 $\frac{3}{4}$	3 17 $\frac{1}{2}$	3 51 $\frac{1}{2}$	4 24 $\frac{1}{2}$	5 37 $\frac{1}{2}$	3 32 $\frac{3}{4}$	14 27
T. Allen, for Spalding	2 7	3 22 $\frac{1}{3}$	3 50 $\frac{2}{3}$	4 19	5 34 $\frac{1}{2}$		
J. Metcalf, for London	2 17 $\frac{1}{2}$	3 23 $\frac{1}{3}$	3 54	4 24 $\frac{1}{2}$	5 50 $\frac{1}{2}$	3 13 $\frac{1}{2}$	14 25 $\frac{1}{2}$

This Eclipse may be seen from the Beginning to the End in most known Parts of *America*, and the Western Parts of *Africa*: But in the Western Parts of *Europe*, only Part of it can be seen; for the Moon sets before the Eclipse Ends.

The Fourth is a Solar Eclipse, on *Thursday* the 14th of *July*, near 2 o'Clock in the Morning. It will be Visible in the remote Southern Parts of the Earth, beyond *New-Holland*.

The Fifth Eclipse is also of the *Sun*, upon *Friday* the 9th of *December*, near 8 in the Morning, but nearly Invisible to all known Parts of the Globe.

The Sixth, and Last, this Year, is another Total Eclipse of the *Moon*, and will happen upon *Friday* the 23d of *December*, in the Afternoon. The *Moon* rises Totally Eclipsed a little before the *Sun* sets; and if the Air proves clear, they may both be seen above the Horizon, at the same time.

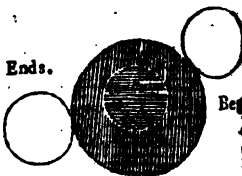


# ECLIPSES in 1768.

MOON Ecl. December 23d.	Beg.	Beg.	Middle	End	End of	Durat.	Dig.
P. M. Ap. Time.	Eclipse	tot. D.		tot D.	Eclipse	Eclipse	Ecl.
	h. ' "	h. ' "	h. ' "	h. ' "	h. ' "	h. ' "	' "
Mr. W Chapman, for Foxton	1 18 <sup>3</sup> / <sub>4</sub>	2 16 <sup>3</sup> / <sub>4</sub>	3 5 <sup>1</sup> / <sub>2</sub>	3 54 <sup>3</sup> / <sub>4</sub>	4 52 <sup>3</sup> / <sub>4</sub>	3 34	20 4
Mr. T. Allen, for Spalding.	1 21 <sup>6</sup> / <sub>8</sub>	2 18 <sup>3</sup> / <sub>4</sub>	3 6 <sup>1</sup> / <sub>2</sub>	3 54 <sup>3</sup> / <sub>4</sub>	4 51 <sup>6</sup> / <sub>8</sub>		
Mr. J. Metcalfe, for London	1 18 <sup>3</sup> / <sub>4</sub>	2 6 <sup>1</sup> / <sub>2</sub>	3 6 <sup>1</sup> / <sub>2</sub>	3 56 <sup>1</sup> / <sub>2</sub>	4 54 <sup>1</sup> / <sub>2</sub>	3 35 <sup>1</sup> / <sub>2</sub>	20 5

At the Beginning of this Eclipse the Moon will be Vertical to the Eastern Ocean, at the Middle, to the Chinese-Sea, and at the End, to the South Coast of China; it will therefore be seen, from the Beginning to the End, in all Parts of Asia and the East-Indies, the Eastern Parts of Europe and Africa, and to Parts near the Pole; but, only Visible in part, to the Western Kingdoms of Europe, because the Moon rises not in those Countries till after the Eclipse begins.

Ends.



JOHN METCALFE

Messrs. H Andrews, T. Atkinson and J. Denham have also obliged us with Calculations of these Eclipses, but we could not find Room for their Insertion.

Mr. W. Chapman, of Foxton in Leicestershire, has favoured us with a Table of all the Solar Eclipses that will be Visible from the Year 1769 to Year 2000; which we are sorry our narrow Limits will not, this Year, admit us to publish.

## ANSWERS to the ÆNIGMA's in 1767.

I. A WALKING-STICK, or CANE.

VI. A CORN-FAN.

II. SIGHT.

VII. The LETTER i.

III. The EARTH, or GLOBE.

VIII. A BRIDE.

IV. GOOD-FRIDAY.

IX. A DEW-DROP.

V. A PEN, or QUILL.

Prize. A WRITING-SLATE.

The Prize-Ænigma answered by Mr. Tho. Wilson.

Is Paper, Friend Bentley, grown quite out of Date,

That your Thoughts you write down with a PENCIL on SLATE?

The same answer'd by Mrs. S. M.

Your Prize I guess, if not too late,

To be a PENCIL and a SLATE.

The same answer'd by Miss A.

Terrific as your Prize appears,  
I dare to forfeit both my Ears  
A SLATE and PENCIL's all the Matter,  
With which you make such mighty  
Clatter.

Your Paper-Prize of last Year's Date  
I guess'd, as well as this Year's SLATE  
Give me the Lot of Di'ries Ten;—  
I'll be your humble Servant then.

The same answer'd by Mr. G. Hargreaves.

Not Baskerville's fine Sheet, so smooth and fair,  
Can with Sam. Bentley's STONY-LEAF compare.

The same answer'd by Celinda.

Bentley's Poetic, lofty Verse can warm

The same answered by Miss *Peggy Lugg*.  
 Let Poets boast of this or that,  
*Sam. Bentley* best describes a SLATE.

The same answered by *Thomas Vaugban, A.M.*  
 If what I think, dear *Bentley*, I may tell,  
 A SLATE and PENCIL you've disguis'd so well,  
 That your *Ænigma* unto me appears  
 The best that I have seen for many Years.

The same answered by Mr. *Richard Dening*.  
 An ample Reward for the PENCIL and Pen  
 Is another fair Chance a Lady to win.

Answer to the same by *Kunigunda Darteneusis*,

While *Kate* was casting up th' Account  
 Of Week's Expence, — the whole Amount, —  
 Her Spouse *Petruchio*, at her Back,  
 Stood looking o'er her Almanack,  
*P.* Dear *Kate*, cried he, here is a Riddle! —  
 A Prize-Ænigma too! — *K.* A Fiddle! —  
*P.* Nay, prithee, *Kate*, let's read it o'er!  
*K.* But let me cast my 'Counts before!  
 Read it he would; — quoth she, Hiss, hiss!  
 And then aloud he cried, What is't?  
*Ko* 'Tis what you will; — it is this SLATE. —  
*P.* The Slate! — why, Wench! — why, honest *Kate*!  
 Thou'st hit upon it. — Then, by St. *Martin*!  
 Put in for th' Prize! — *K.* I will, for certain.

Another Answer to the same, by *Clip*.  
*Sam. Bentley*, your Servant,  
 Most humble and fervent; —  
 For your *Snuffers*, *Puff*, PENCIL and SLATE,  
 I've *Apollo's* Commission,  
 And, with your Permission,  
 Proclaim you *Diaria's* LAUREAT.

Answer to all the Ænigmas, by Mr. *Thomas Sadler*.  
 To the *Lady Diaria*.

Dear *Lady*, what Transports soar'd o'er my dull Thought  
 When into my Chamber your Favour was brought;  
 My Nerves seem'd unstrung at the SIGHT of your Name: —  
 The generous *Diaria*; — that Lady of Fame.  
 I thank you for all your Advice, my kind Friend,  
 And, if I've done wrong, I'll endeavour to mend;  
 More serious I'll be, and reflect on the Times,  
 And grow more refined by reading your Rhymes:  
 With Coxcombs, or Harlots, my Time won't engage,  
 For EARTHLY false Pleasures, the Mode of the Age.  
 Like you, I'll be free; — or I'll wed some fair Maid,  
 Who has Virtue and Prudence: — such Beauties won't fade. —

I'll trip the dear Woodlands, when sweeten'd with Dew,  
To meet my dear *Cælia*, who's constant and true.

Old *Hymen* we'll meet in yon low pleasant Vale,  
And softly we'll tell him the Sum of our Tale;  
Then with my dear *Bride* I can play, dance, or sing,  
Whilst tottering Steeples with merry Bells ring.

If *Diaria* pleases our Nuptials to see,  
We'll invite her best Friends, who are honest and free.  
How pleas'd I shall be those swift Moments to pass  
With the dear Sons of Science, and each witty Lass!  
To crown all my Wishes, the Evening to spend,  
Let's have with us honest *Tom Baker*, my Friend,  
With *Isaac of Epsom*, and *Will Swift of Stow*; —  
All hearty Companions; — true Friends all a Row.  
We'll have old *Sam Hopley* to play a brisk Tune  
On Hautboy or Fiddle, French-Horn or Bassoon.  
My PENCIL and SLATE I'll cast by those blest Hours,  
Though oft' they've delighted me in the sweet Bowers.  
Next Morning with *Cælia*, the Joy of my Heart,  
With CANE in my Hand, to the Groves we'll depart,  
To hear the dear Warblers chorus along  
Harmonious Stanzas of *Cupid's* Love-Song. —  
On GOOD-FRIDAY Morning to Charch we'll repair;  
No FANCIFUL Thoughts shall disturb our fix'd Prayer:  
But to the Almighty our Duty we'll pay;  
And sing Songs of Praise to our Saviour alway.

Answer to the same by Miss *Peggy Lugg*.

The Morning was fair when I walk'd out to view  
The bright Rays of LIGHT, and the sparkling Dew;  
'Twas on old *Christmas-Day*, at the Foot of a Hill,  
By a Path I was led to a sweet purling Rill:  
There I met Mr. *Bobby*, who's just come from School;  
He scorn'd, as he told me, Instruction or Rule:  
That to learn *Greek* and *Latin* 'twould puzzle his Brains,  
And to understand Grammar, he'd take no such Pains. —  
Why surely, said I, you have some other Reason.  
For visiting *Cornwall* at such a dull Season.  
Then he lean'd on his STAFF, and own'd young Miss *Kitty*  
Was the Lady he priz'd above all in the City;  
That his PEN, SLATE, and Pencil, he'd now thrown aside, 5. Prize  
And next Sunday intended to make her his BRIDE:  
That Studies he'd mind not, but leave them to Boys,  
Nor Care should disturb, or embitter his Joys;  
That his Farm might be tended just as he shou'd chuse,  
His CORN-FAN and Threshold his Servants might use;  
And on next GOOD-FRIDAY that he, and Miss *Kitty*  
Should set out for London, to view that fair City,  
To make their Appearance at *Op'ra* and *Rout*,  
And t' inquire what INVENT'ON *Tom Sadler* had found out. 3. Le Globe.



So Home I return'd to write you a Letter,  
And own, Sir, at present, I can't do it better.

Answer to the *Enigmas and Flowers*, by Mr. J. Knowles.

Celestial *Clio*, wake the *Attic* Lay,

Whilst I, in Numbers, paint the Charms of *May*.

7

Now bright *Aurora's* ting'd the Mountain's Height,

8

And distant Objects dawn upon the *SIGHT*;

6

Soft Breazes *FAN* the rosy-finger'd Morn,

9, 1, tick.

And spangled *Dew-Drops* glitter on the *THORN*.

'Tis blithsome *May* leads on the circling Hours,

8

And spiral Woodbines climb the *BRIDAL* Bowers:

Fair *Flora* decks the Fields in sweet Array;

The Flocks *UN-PEN'd* enjoy the *RISEING-DAY*:

5, 4, Good-Friday.

Refulgent *Sol* dilates the teeming *EARTH*,

3

And balmy Flowers gain a recent Birth;

The purple *Violets* Odours now dispense,

Th' *Honey-Suckles*, *Cowslips* (grateful to the Sense)

The gay *Sweet-Williams*, and the blushing *Rose*,

Th' *Phæbus* all their varied Sweetness owes.

Come, wealthy *Cits*, leave your Pursuit of Gains;

TRANSLATE yourselves, and breathe on *Epsom-Plains*.

Prize.

Answer to the same, by Mr. T. Baker, on *Whitsunday*.

Sing, O ye Heav'ns! — sing, *TERRESTIAL-BALL*!

3

Rejoice, ye pearly *Dews*, as soft ye fall!

9

Chiefly, O Man! admire the glorious *SIGHT*! —

2

The *Holy Ghost* appears in heav'nly white!

See the great God, of everlasting Love,

From Heav'n descending like a spotless Dove!

Hark! what vast Sound breaks on the list'ning Ear

Like rushing Winds; — th' astonish'd Nations hear

With Wonder and Surprise, and soon behold

The cloven Tongues (of pure celestial Mould)

Like as of Fire, which sat on each of them,

Outshining far the royal Diadem. —

Soon the assembled Multitude is blest!

The *Holy Spirit* sweetly fills each Breast. —

All with new Tongues, they speak and understand,

Clear as the Language of their native Land.

In heav'nly Armour see them all array'd;

And hear the wond'rous Works of God display'd!

Such was his Love, whose Birth I lately sung,

And for whose *DEATH* my humble Lyre was strung; 4, Good-Friday.

His glorious *Resurrection* too, last Year,

I laid before you; O ye charming Fair!

Then let not this my latest *Theme* be lost,

Whose Numbers sing the Day of *Pentecost*.

Thus ends my Song. — Farewel, ye lovely Fair,

I'll take my *CANE*, and to the Groves repair,

Where gentle Zephyrs *FAN* the twining Bow'rs;

The Paths enamel'd with sweet blooming Flow'rs:

Where feather'd Songsters swell the rapt'rous Strain,  
 And with their Music chear the neighbouring Plain;  
 Where dear *Celinda*, virtuous, charming *Fair*,  
 Serenely walks to taste the Ev'ning Air:  
 Quikly I'll hasten to my *Fair-One's* Side,  
 And soon as can be, make the Nymph my BRIDE.  
 Farewel my SLATE, my PEN, and Pencil too; —  
 Ye sweet *Diarian Maids*, once more adieu.

2  
 Prize, 3

Answer to the same, by Mr. Thomas Jenkins:

### A PASTORAL.

Deep in the Bosom of a silent Grove,  
 Where Nymphs and Satyrs innocently rove,  
 With flowing Hair, and Visage pale and wan,  
 Thus *Marian* wail'd, and thus her Tale began.  
 "O, *Sylvia*! perjur'd, false, inconstant Swain,  
 Thou only Spring and Source of all my Pain,  
 How oft with thee I've trac'd this lonely Grove,  
 The STAFF of all my Happiness, thy Love.  
 Alas! though wise too late, too soon I know  
 The dire Effects of melancholy Woe!  
 What though, like yonder Cloud, that dims the Sky,  
 I weep where'er I turn, where'er I fly,  
 Deaf to my Cries th' unkind Deceiyer proves,  
 And some relentless, cruel *Fair One* loves.

We Nymphs and Swains, that pious Rites obey,  
 Revere and solemnize each sacred Day;  
 GOOD-FRIDAY Morning last, at Dawn, I rose,  
 And donn'd myself all in my Sunday's Cloaths:  
 To Church I went;—but haply on the Green  
 I met with *Sylvia*, long before UNSEEN:  
 My Heart was like a Feather in my Breast,  
 He talk'd of Love;—my Hand he fondly press'd;—  
 What "kind endearing Words did he not say?"  
 And did not I, ye Gods! his Love repay?

2 Sight.

O, cruel Thought!—O, false ungrateful Swain!  
 Thy Vows, thy Oaths, and Promises, were vain!

My Thoughts, like WIND-MILL tose'd by ev'ry Blast,  
 Rove to and fro, still check'd by Follies past; —  
 Fool that I was, his Flatt'ry to believe,  
 Yet little did I think he could deceive.

How vainly did I hope to be his BRIDE,  
 And scorn'd all other Happiness beside!

7, 8

Benew'd with Tears, I'll seek some lonesome Cell,  
 Where Silence deep, and Contemplation dwell;  
 Some sacred Books, my PENCIL and my SLATE  
 Shall grace the Confiners of the dark Retreat!"

5, Prize.

Here ceas'd the *Fair*;—for Ev'ning's dusky Rain  
 Had spread a gloomy Horror o'er the PLAIN.

3, The Earth.

A N

AN ACROSTIC,

Answering all the Ænigmas, in Order, by Mr. S. Bentley.

- 1 B y your Leave, Mr. *Crossley*, your Riddle's a CANE ;
  - 2 L IGH T surely, Friend *Harris*, your last will explain :
  - 3 A nd EARTH, *Sadler* means, tho' he is not the Maker ;
  - 4 C an ought but GOOD-FRIDAY well solve Mr *Baker* ?
  - 5 K nown, *Cetii*, is yours, and it came from the PEN ;
  - 6 S ome guess Mr. *Tarratt*'s a FAN for the Men.
  - 7 L etter I is Miss *Harr'ott*'s, and pretty beside ;
  - 8 A nd *Knabb*'s thought with Art to hide from us his BRIDE.
  - 9 'Tis DEW that *Mall Ormisbaro*'s Lines are about :
- Prize E ach Letter initial will Bentley's make out.

Another Answer to the same ; addressed to Mr. S. Bentley.

- Where *Staffordshire* extends her happy Valcs,  
 FANN'd by soft Zephyrs, and refreshing Gales, 6  
 Where *Chartley*'s Groves, with verdant Summits crown'd,  
 Rise to the SIGHT, and scorn their native Ground ; 2  
 The Morning smil'd, and all the Scene was gay,  
 The feather'd Songsters warbled on the Spray :  
 The pearly DEW-DROPS glitter'd in the Sun ; 9  
 O'er the bright Sands the limpid Waters run :  
 Through Nature's Works the glad Creat'ion smil'd ; —  
 The cur'd Garden, and the painted Wild.  
 There, Bentley, musing, on this GLOBE I stray'd ; 3, 7  
 Musing on Ills that human Life invade.  
 Here a fond Husband mourns his dying BRIDE ; 8  
 There, Orphans weep their kind, parental Guide ;  
 While stooping Age laments his Strength decay'd,  
 A WALKING-STICK his firm Supporter's made. 1  
 My PEN grows bad ; — pray, Mr. Bentley, send 5  
 Some, on GOOD-FRIDAY, to oblige your Friend, 4  
 Lest I be forc'd to use (how hard my Fate!)  
 For Pen, the Pencil, and for Paper, SLATE. Prize.

NARCISSA.

Many other ingenious Answers to the Prize-Ænigma, and the Ænigmas, have been received, could we but find Room for their Insertion. The first two Prizes, of ten and eight Diaries (for the Solution of the Prize-Ænigma) are won by Mrs. S. M. and Mr. W. Swift ; and the other two Prizes, of ten Diaries each (for the General Answers) are fallen to the Lots of Miss *Peggy Lugg*, and Mr. S. Bentley ; who are desired to send to *Stationer's-Hall* for them, &c.

ANSWERS to the QUERIES, PARADOXICAL PROBLEM, REQUESTS, NOSEGAY, and FRUIT, proposed in the last Year's DIARY.

I. Query answered by Mr. J. Lyon

"Hope may be said to surpass Enjoyment" when a Man is arriv'd at the utmost Height of his Expectations — For, suppose a Man in possession of Riches, Honours, Titles, Beauty, Fame, and all t

## 22 Answers to the QUERIES, &c. 1768.

World calls great and good, yet, like *Alexander the Great*, having nothing more to hope for, he hath nothing more to enjoy; but is completely miserable, whilst the poor Peasant, with the common Necessaries of Life, and with his delusive Hope, trudges chearfully on to distant Scenes of ideal Pleasures, his darling Hope buoying him up above his present Calamities till it brings him into an endless Eternity,—It may also be “where Enjoyment proves a Disappointment,” as *Mr. Thomas Brewer* expresses it.

‘H. Query answered by *Mr. J. Lyon*.

The “pale Circles” appearing round the Body of the Moon, *Naturalists* conceive to arise from the Refraction of the Rays of Light in their passing through the fine, rare *Vesiculæ*, or Vapours of a thin Cloud, towards the Top of our Atmosphere.

*No Answer is yet come to the Third Query.*

IV. Query answered by *Mall Ormishaw* (the Proposer).

The Custom evidently appears, from the elder *Pliny*, to have been in Use as long ago, at least, as the Reign of *Tiberius*, &c.

V. Query answered by *Mr. J. Sikes*.

*Sleep* being supposed to proceed from a Scarcity, or Failure of animal Spirits in the Brain, if they are all dissipated from thence, a profound Sleep, uninterrupted by Dreams, will ensue; but so long as any of them remain, their affecting some Parts of the Brain, in the same Manner as they are usually affected, by the Action of external Objects on the Senses, and the more easily those which are most frequently affected by them, they will not only be the Cause of Dreams, but the Reason why we scarce ever dream of any Thing, but what we have either felt or seen when awake; and the endless Variety of Objects, that affect the different Parts of the Brain during the Course of our Lives, may be the Cause of the Incoherency of *Ideas* excited by Dreams, because the Parts are agitated partly as if one, and partly as if another Object was present, &c.

The Query proposed by *Mr. J. Mason* (in his Answer to the Prize-Ænigma, see Page 15 of the last Year’s *Diary*) *Mr. R. Grosiky* answers thus, viz. “Though it must be confessed, that *Paper* is very useful, yet it will appear, I think, that *Linen-Cloth* is much more so; for, consider

“That when grown old, and from our Persons cast,  
“*Foolscap*, or *Demy*, it will make at last.”

*Mr. William Swift*’s Answer is nearly to the same Effect; who says,

“To answer your Query, Friend *Mason*, aright,  
“I took down my *SLATE*, and with *PENCIL* did write; *Prize-Ænig.*  
“Then transferr’d it to Paper;—and to speak my Mind free,  
“Without *Flax* and *Cloth* there no Paper can be.”

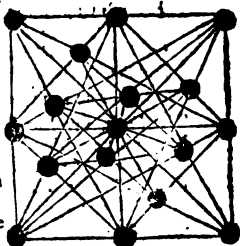
Answer

Answer to the *Paradoxical-Problem*, by  
Mr. H. Fry.

*Killworth* (and *Colledge* too) may find  
The *Problem's* Answer here subjoin'd.

Answer to the same, by Mr. G. Lodge.  
Dear *Killworth*, you may thus dispose  
Your seventeen Trees in Thirty Rows.

The same answered, by Mr. R. Dening.  
Here are Thirty straight Rows, as plain  
may be seen,  
With Three Trees in each, and the whole  
Seventeen.



I. Rebus answered by Mr. R. Crofsley.

Take you the Parts of *Truth* and *Reje* directed,  
And *TRURO*, tho' conceal'd, will be detected.

II. Rebus answered by Mr. William Swift.

*Damon*, beware; there's a fly Spark  
Lays close Siege to beauteous CLARKE;—  
He's bought the Ring;—something beside,—  
In Hopes to gain her for his Bride.

Answer to the same by Miss Polly Ashton (aged 12 Years).

To you, gentle *Damon*, these Lines I impart;—  
Is Miss CLARKE the dear Girl?—can none else gain your Heart?

III. Rebus answered by Mr. J. Lund.

TARRAT must be the Name express'd;—  
Directly, so, — and so, revers'd.

Answer to the same by Mr. R. Dening.

Mr. TARRAT of *Epsom*, no doubt, is the Man,  
That, to please the fair *Ladies*, doth all that he can.

IV. Rebus answered by Mr. James Brown Ashton.

On sweet Miss ADAMSON, that Nymph so chaste,  
Friend Baker has, at last, Affections plac'd.

V. Rebus answered by Mr. Thomas Baker.

The *Nymphs* of Taste frequent the Play,  
Charm'd with the Poet's Fire;  
But, at the ORATORIO, they  
Meet *Handel's* tuneful Lyre.

Answer to all the Rebuses by Mr. T. Vaughan, A. M.

*TRURO* and *Clarke* and *Tarrat*, I suppose,  
The three first Rebuses rightly disclose;  
Then *Adamson* and *Oratorio* do,  
Without all Doubt, explain the other two.

## 24 Answers to the Flowers and Fruit, &c. 1768.

Answer to the Flowers by Mr. *Thomas Jenkins*.

*Fidelia's* Choice the following compose,  
A *Cowslip*, *Honey-Suckle*, *Violet*, *Rose*; —  
On her *Sweet-William* too her Fancy dwells, —  
But she, herself, the *Nosegay* far excels.

The Fruit explained by Mr. *G. Hargreaves*.

The *Fruit*, my dear *Mall*, which you add to the *Treat*,  
Makes all our Mouths water, 'tis so smart and so sweet;  
Your *Currants*, your *Codlings*, your *Mulberries* shew  
(Your *Apricots*, *Raspberries*, and *Pine-Apples* too)  
The *Gout bon*; — and if this be the Emblem of *Nancy*,  
She must suit ev'ry Palate, and please ev'ry Fancy.

Answer to the Rebuses and Fruit by Mr. *Thomas Wilson*.

To a grand ORATOR O Mifs ORM'SHAW does invite	5	Rebus.	N
<i>Diaria's</i> chief Friends, who in Music delight;			
As Mifs <i>Peggy</i> of <i>TRURO</i> , and <i>CLARKE</i> of <i>Braintree</i> ;			
And <i>TARRANT</i> of <i>Epsem</i> (a good Friend is he)	1,	2	
With <i>Baker</i> and <i>ADAMSON</i> (his beautiful Toast)	5		
"That B—n—o in <i>Yorkshire</i> unrival'd can boast;"	4		
And, to crown all the rest, she provides a Desert			
Of the choicest of Fruits that Dame <i>Nature</i> can impart,			
As <i>CURRENTS</i> , and <i>CODLINGS</i> , and <i>APRICOTS</i> fine,			
And <i>RASPBERRIES</i> , <i>MULBERRIES</i> , with Sweet-meets and <i>Wine</i> ;			
She likewise produces, to crown her Repast;			
A favourite <i>PINE-APPLE</i> , that suits ev'ry Taste. —			
'Tis hop'd then <i>Diaria's</i> Friends will attend,			
And not let so noble a Treat be disdain'd.			

Answer to the Nosegay and Fruit, by Mr. *James Astworth*;  
In a Dialogue between Master *Billy* and Miss *Polly*.

*Billy*. Dear *Polly*, be pleas'd my *Poly* to view,  
How pleasant the Smell,—how lovely the Hue; —  
*Cowslips*, *Sweet-Williams*, *Violas*, and *Rose*,  
*Honey-Suckles* too, the whole do compose.  
These *Flowers*, methinks, each Fancy will suit; —  
*Polly*. They're pleasant I own: — in turn view my *Fruit*,  
Compos'd by *Mall Ormishaw* (*Diaria's* Friend),  
Who *Currants*, fine *Codlings*, and *Mulberries* does send.  
With *Apricots*, *Pine-Apples*, and *Raspberries* great Store: —  
Enough for our Table; what need we wish more?

Mr. *John Lund* explains the *Fruit* to *Mall Ormishaw* (the Proposer);  
and proposes to make it up a Basket full.

Dear *Madam*, the Man must be wretchedly dull  
That will not approve the fine *Fruit* which you cull;  
Which, in its Perfection's, both wholesome and sweet,  
Quite fit for a Desert to crown the gay Treat —  
There're *CURRENTS* and *CODLINGS*; — *MULBERRIES* to boot; —  
*APRICOTS*, *PINE-APPLES* (the King of all Fruit)

Together

Together with RASEBILLS;—which answer my Wish,  
 And improve *Nichols's* PLATE t' a very grand DISH.  
 Yet, tho' I confess you've increased his Store,  
 I'm still "*nunquam satis*," and craving for more:  
 Permit me then, *Madam*, without more Debate,  
 A BASKET to fill with your DISH and his PLATE.  
 To what's been explained then first, (please to observe)  
 Is "what a Rogue does, his own Life to preserve;"  
 Next, add to "the Defence of a fortified Town,"  
 "The Maid's Name i'the Song, whose Colour was Brown:"  
 Then, "the Name of a House, that's in *Westminster* plac'd,  
 "And's oft with the Presence of Noblemen grac'd,"  
 But, lest I should happen too tedious to be,  
 To "a late *Astor's* Name" add "two fifths of a Tree,"—  
 These join'd to what you and Friend *Nichols* found out,  
 Will fill up a pretty large Basket, no Doubt.

NOTE, In printing the last Year's *Diary*, the three following Lines, near the middle of *Mall Ormishaw's* Piece on Fruit were unfortunately left out, viz.

'Tis a Fruit deem'd by all to be wholesome and dainty.  
 Take next "a small Tool with the Smith much in Use;"  
 Join to this "what each Shrub was observ'd to produce:"

NEW ÆNIGMAS to be ANSWERED in the next Year's DIARY.

I. Ænigma 494, by Mr. Thomas Sadler.

Step by *Temple-Bar*, through the Strand, to *Pall-Mall*,  
 You'll find I am there;—with the Ladies I dwell.—  
 Like them I retire to the *Park* or the *Play*,  
 Tho' oft with the Butler have danced the Hay.  
*Monsieur* is my Kinsman, as well as *Nick Coe*.  
 And both Male and Female I am, you must know.  
 The *Craftsman* speaks of me;—he says I have been  
 A Doctor most famous for curing the Spleen.  
 My Dress often varies;—in Leather I go,  
 Or some Silken Jacket, to make a fine Shew:  
*Miss Polly*, *Miss Dolly*, the Toasts of the Town,  
 Will drink a Health to me, as soon as *Tom Brown*.  
 Dear Ladies, at *Chester*, and *Dublin* besides,  
 You'll find me, like *Tanner*, a Dealer in Hides.  
 At *Hull* I'm acquainted with *Zachary Bowles*,  
 And there I'm a Cobler, a Dealer in Soles.  
 At *Dover* you'll find me whisk round like a Spy,  
 And Crinkums, and Crankums all round me have I;  
 Sometimes I'm a Tinker, a Dealer in Brass,  
 And sometimes I play with a beautiful Lash:  
 Sometimes I'm a Millar, and grind in a Mill,  
 And sometimes a Vintner, and Liquors distill:

## 26 New **ÆNIGMAS**, to be answered next Year.

I'm all Trades, and no Trade, I'd have you to know;  
 In *Grub-Street* I've pleased old, silly *Sim*.  
 Dear Ladies, I'm frequently used to climb  
 To the Top of a Spire; in a Moment of Time,  
 Yet low on the Ground, I may sometimes stand still  
 With *Jack* o'er my Head by the Lads of the Mill.  
*Jack Bouncer*, when healthy, last Winter I flew,  
 And swallow'd him after!—believe me, 'tis true.  
 When I am in *London* to *Spithead* I can see  
 In the Twink of an Eye, and as brisk as a Bee.  
 The Choiristers sometime, unto me they come,  
 But then they're quite silent;—say nothing but mum,  
 Within my Lord's Cellar, I love to be there,  
 And once I crept into a Hoghead of Beer:  
 No Toper in *England* sure can me out-vie;  
 I've swallowed a Hoghead, yet always am dry.  
*Diogenes* liv'd by the Scent of a Cask,  
 And I'm quite delighted with Bottle and Flask.  
 A Monster's my Servant, who swallows up Fire,  
 And *Nevo* the Dutchman oft waits on *Monfieur*.  
 So, Ladies, with Ease, you my Name will explore  
 From the Hints above named;—so I need say no more.

### II. **Ænigma 495**, by Mr. *Thomas Vaughan*, A. M.

<p>We are a very pum'rous Race          Of Beings, I declare:          Well known in many a noted Place,          At Play-House, and at Fair.          In <i>London</i> you, in ev'ry Street          Almost, may us behold:          But then we oft are very neat,          Sometimes we're clad in Gold.          Most of the Things of which we're          made          Proceed from Mother Earth,</p>	<p>But Man our Parent may be said,          He's known to give us Birth.          In Gold and Silver we are drest,          Sometimes in Green appear,          Sometimes in Blue and Scarlet Vest,          Tho' chiefly Black we wear.          Take this one Hint then, in Disguise,          We cannot long remain,          We're twenty-four, before your          Eyes,          And all distinct, and plain.</p>
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### III. **Ænigma 496**, by *Harriet*.

In this happy Nation for Justice renown'd,  
 Where Places, and Penfons, and Honours abound,  
 'Tis strange, that a Subject, so honest and just,  
 So faithful as I am, so true to my Trust,  
 So strict in obeying the Laws of the Nation,  
 Should want that Respect so much due to my Station.  
 I the King's and the Magistrate's Power support,  
 I protect, without boasting, both City and Court,  
 Yet my Name's rudely mention'd (so hard is my Fate!)  
 No Honours attend me from Small or from Great.  
 Indeed at my Levee, sometimes I must say,  
 Great Numbers resort, my Assistance to pray;

They



They know my good Humour;—that I'm always inclin'd  
To do Justice to all, for the Good of Mankind.  
I Courtier-like never affect to delay,  
But their Business dispatch, and so send 'em away;  
And those, who my Clients peculiarly are,  
Are sure my Attention, and Service to Share;  
Nay, tho' to my Presence reluctant they come,  
By my Care, they're made quiet and sent easy Home;  
But That which excites my just Indignation,  
My Assembly's compos'd of the Scum of the Nation.  
Ah! why should the Rich and the Great Ones thus fly,  
And shun my Acquaintance, thus scornfully shy,  
When, to do 'em strict Justice, I'd gladly comply.  
Methinks I'm ambitious; I long to create  
A closer Connection 'twixt me and the Great;—  
This Shyness is wrong, ye Great-Ones, believe me;  
I know your Desert;—with willing Arms I'll receive ye.

IV. Enigma 497, by Miss A.

<p>Ladies, while you employ your Needles, My Time is spent in Rhymes and Riddles; One Moment spare from Business urgent, I'll be your most obsequious Servant. I am an odd preposterous Creature, And only like one Thing in Nature. I vary oft my Shape and Size, And when some Folks have got a Prize, I then in largest Form appear, Tho' Many think me mighty queer. The Prize secure I for the King, Altho' 'twere pent in Magic Ring. I keep bad Company, you'll cry; The Charge I cannot well deny. I'm seen in Riots, Quarrels, Jars, Rebellions, Massacres, and Wars. I always herd with grim Cut- purves, And help to form the direst Curfes. If in the Lott'ry you've a Part, I'm always welcome to your Heart; Equal with you a Blank despise;— Salute you joyous with a Prize.</p>	<p>Tho' I will ne'er forsake the Church, I leave the Bishops in the Lurch; Attend the Rector, Curate, Vicar, As constant as I do Good Liqueur. The Puritans I strangely flight, Tho' live with them both Day and Night; Not all their sanctimonious Greeting Could me inveigle into Meeting: Yet 'mong the Quakers I am seen, One with the Sisterhood in Green. In Contradictions I delight, Yet hate alike both Fear and Spight; Howe'er you may conceive it odd, I neither Devil serve nor God: Both Theft and Honesty detest; Yet am a Rogue by all confest; The Rebels join'd, tho' George I Love, And Jimmy never could approve. Tho' not in Haste, I'm with the harried; Not with the dead, yet with the buried. As thus I'm brought into the Grave, To end my Tale your Leave I crave.</p>
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## 28 New ÆNIGMAS, to be answer'd next Year.

### V. Ænigma 498, by Mr. T. Jenkins,

*Ladies*, no doubt, my Name you'll soon explore,  
Whom oft you've notie'd undisguis'd before ;  
Permit me then, this Season to embrace,  
And in *Diaria's* List to gain a Place.

My Shape and Stature often various are,  
As Fancy dictates to each gentle *Fair* ;  
Here, I appear in all the radiant *Dies*  
Which blushing Morning offers to the Skies,  
Or like the Tints which paint Heav'n's humid Bow,  
Which from dim Shades to bright Perfection glow.

That *Fair* I honour, who, by Virtue led,  
Implants her Principles in Folly's stead ;  
A goodly Frame, where in due Order rise  
Each well-wrought, fancied Scene to greet the Eyes ;  
In Sculpture thus, for Ages still the same,  
The Piece commemorates the Sculptor's Name.

Each Grace bestow'd, and ev'ry Charm complete,  
The Nymph conducts me to some soft Retreat,  
There I reside for some esteem'd Intent,  
And when she's gone, I'm still her Monument.

### VI. Ænigma 499, by *Narcissa*,

Gay, bright as *Iris*, Goddess of the Bow,  
Permit me, *Ladies*, my fine Form to shew ;  
Number my Beauties, ev'ry Charm display,  
Admir'd by all, and courted by the Gay.

My tender Parent lost his lab'ring Breath,  
And work'd my Being in the Arms of Death ;  
Committed then to a kind Guardian's Care,  
Who gave me this admir'd Form I wear.

In rosy Bloom array'd I'm often seen ;  
Oft take my Colour from the Em'rald's Green ;  
Or with the Sapphire's azure Lustre vie,  
The Yellow Onyx, or the Tyrian Dye.  
Sometimes with Gold adorn'd, I sparkle bright,  
Sometimes in Silver and my native White :

'Tis thus I wait upon the nuptial *Fair*,  
Sit on her Breast, and beautify her Hair.  
I often shine in Twenty various Dyes,  
And set the Rainbow's Charms before your Eyes ;  
In sable Black I often lose my Bloom,  
And lately mourn'd at lov'd *Mariada's* Tomb.

*Ladies*, my Face you constantly may view,  
Since I attend, and always wait on you.

Could you believe, that this most brilliant Form  
Wou'd meet the Fight, nor dread the threat'ning Storm ?  
Yes, I've been present when whole Hosts engage,  
Rush on their Foes, and answer Rage with Rage ;

Where direful Slaughter stalks along the Plain,  
And marks his Course with prostrate Heaps of Slain :  
Where Death, with Raven-Wing, flies hov'ring round,  
And fills with streaming Gore the fatal Ground.

Go to each Hearse that boasts a British Peer ;  
*Ladies*, you're very sure to find me there.

VII. *Ænigma* 500, by Mr. J. Knowles.

Make Room, dear *Ladies*, for your Favourite here,  
Who never did in *Masquerade* appear.  
My Parentage, dear *Ladies*, I can trace ;  
I sprung from *Venus*, by a rough Embrace :  
So *Ovid* sings in soft poetic Verse ;  
Who in sweet Numbers does my Birth rehearse.  
In Infancy I'm cloath'd in Coat of Green,  
'Till more mature my Beauties are unseen ;  
But when bright *Sol* runs his Meridian Race,  
My Charms expand ;—then opens ev'ry Grace.  
With blushing Tints my Beauties far out-vie  
The blooming Colours of the *Tyrian* Dye ;  
Diffusing Odours round the painted Vales,  
Sweet as the Winds that fan the balmy Gales,  
'Twas then fair *Delia* first my Charms espy'd,  
With Raptures pluck'd me from my Mother's Side :  
She kiss'd and clapt me to her snowy Breast,  
Sure happy *Damon* ne'er was half so blest'd.  
There I awhile survey'd the lovely Maid,  
Short was my Reign, my Charms were soon decay'd ;  
Then I, alas ! fell into foul Disgrace ;  
Some of my Kindred soon possess'd my Place.  
In snowy Robes some of our Tribe appear ;  
True Emblem of sweet Innocence they bear.  
Take one Hint more, then, *Ladies* all, adieu ;—  
My Virgin Charms do most resemble you.

PRIZE-ÆNIGMA. By Mr. S. Bentley.

(Whoever answers it before Candlemas-Day, has a Chance for 10, and another for 3 *Diarists*.)

When the old *Romans*, fam'd for Arts and Arms,  
To each known Region carried their Alarms,  
Their Chiefs thro' *Rome* their num'rous Captives led,  
With Triumphs grac'd : and honour'd were when dead,  
With grand Processions, and with Fun'ral Games,  
And on vast Piles were given to the Flames.  
Moderns disuse the Flame, but raise the Mound,  
Or place the Marble o'er the hallow'd Ground ;  
But my Remains are of peculiar Class,  
Nor Marble need, nor monumental Brass.

When

### 30-Prize ÆNIGMA, to be answer'd next Year.

When Winter-Frosts prevail, I scarce appear,  
 But rise and flourish with the rising Year:  
 As Days advance, I still advance in Grace,  
 And gain Perfection with an equal Pace;  
 Then my rich Dress with Pleasure strikes the Eye,  
 With Gold resplendent deck'd, and ev'ry Die:  
 With lucid Gems, that far their Beams display,  
 Widely diverging each collected Ray;  
 While Plumage various, and profusely spread,  
 Nods with the Winds, and waves all o'er my Head.  
 So Plumes of old o'er Heads of Heroes glow'd,  
 Join'd in firm Phalanx, and their Helms o'erflow'd,  
 I, like a Hero too, the Spear pretend,  
 Nor *Vulcan's* Art my sharp-edg'd Blade can mend.

Oft in some lone and far sequester'd Vale,  
 Where only I was conscious to the Tale,  
 The youthful Swain has open'd all his Mind,  
 While soft on me his gentle *Fair* reclin'd.  
 To feed the Poor I oft my Stores resign,  
 And many Virtues all confess are mine:  
 But ah! my Virtues nought avail, nor Bloom,  
 When Time relentless bids me meet my Doom;  
 With keenest Rage, and Blow succeeding Blow,  
 And Strokes incessant, regularly flow,  
 Ill-fated I, alas! am cut off young,  
 A moral Lesson to the giddy Throng!

To honour my Remains, a goodly Train  
 Of blooming Youths and Nymphs spread o'er the Plain:  
 In rustic Elegance, all trim and gay,  
 Who my due Rites and Ceremonies pay:  
 In slow Procession in and out they twine,  
 The Way prolonging, with the waving Line:  
 While rack'd, and tosd, now forward, now behind,  
 I'm now transfix'd, now parted, and now join'd;  
 But soon the Group all languid seek Retreat,  
 And press in Ring, or Row, the Moss-grown Seat.  
 Where Oaks, and Elms, umbrageous Branches join,  
 And Woodbines pendulous all sweet intwine,  
 There take Refreshment, and enjoy at Ease,  
 The grateful Fanning of the cooling Breeze;  
 While Jokes, or Tales, or the Love-ditty'd Song,  
 And frequent Kisses, the Repast prolong;  
 And when to each the chearing Bowl is given,  
 Vows for propitious Skies ascend to Heaven:  
 The Train refresh'd, again their Task pursue,  
 And for successive Days the Rites renew.  
 At length with great Parade I'm borne along,  
 And plac'd erect amidst the jocund Throng:  
 With Wreaths my Head adorn'd, and circling Band,  
 For my own self a Monument I stand.

NEW QUERIES, PARADOXICAL-PROBLEM, REBUSES, and  
FLOWERS, to be answered in the next Year's DIARY.

I. Query, by Mr. Thomas Jenkins.

Who was the first Inventor of Musical Notes, and how far back  
can the Custom of using them be traced?

II. Query, by Mr. Thomas Sadler.

What Reason can be assigned for People's walking and talking in  
their Sleep?

III. Query, by Miss Ann Nicoll.

Why do People frequently love those, that, in their better judg-  
ment, they despise, and persist to love while they despise the whole  
Conduct of the Person beloved?

IV. Query, by Mr. J. Lyon.

Required the Reason why the Yawning of one Person in Company  
should generally affect the rest with the same Emotion?

V. Query, by Mr. Thomas Brewer.

Is the Operation of Mercury in the human Body, to be accounted for  
from its extraordinary Weight and mere Force of Mechanical Attrition?  
or, is it in Consequence of its having a Power to change the natural  
Laws, which obtain among the repulsive and attractive Powers of the  
several Particles which constitute the Blood?

Paradoxical Problem, by Mr. Thomas Jenkins.

To plant a Grove, I would dispose  
Of thirteen Trees in just twelve Rows,  
So that each Row may three contain;  
Ladies, the Method pray explain.

I. Rebus, by Penicillus.

What Gossips do whene'er they meet;  
What we with Veal and Chicken eat;  
These join'd, however, odd and queer,  
Give us the Title of a Peer.

II. Rebus, by Mr. Morris Applin.

Of a good, old Patriarch's Wife the Nick-name,  
Half a Kiss that he gave her, right join'd to the same,  
And what the kind Parson must do for us all,  
Will name a fine City, although 'tis but small.

III. Rebus,

## 32 New REBUSES, &c. to be answered, &c.

### III. Rebus, by Miss. A——.

Where Sportsmen lodge their dear Delight,  
When from the Field return'd at Night;  
A Word by Chapmen often ask'd,  
When you to rate their Goods are task'd:  
Arrang'd in Order these betray  
The Place where I drank Tea to-day,  
Whose tott'ring Castle full in View,  
I see with Pleasure ever new.

### IV. Rebus, by Mr. J. Knowles.

A Heathen Deity, fam'd for War's Alarms;  
A Grecian City, great in Arts and Arms;  
A Bird, that o'er the Waves majestic sails;  
A Grain, that grows in Caledonian Vales;  
A River, famous for the Crocodile,  
Whose wily Tears do Travellers beguile;  
When their Initials you with Care have join'd,  
An old *Diarian's* Name you'll surely find.

### V. Rebus, by Mall Ormiston.

To "three-fifths of the Man who points out the right Way  
"To the Traveller bewilder'd, that chances to stray,"  
Add "a Term, which we hum'rously use to denote  
"A bold, jolly Mortal oft seen in a Boat:"  
Who joins the Word patly, will easily trace  
What the Ladies alone know to handle with Grace.

### New Flowers, addressed to Miss Polly Stew, by Mr. Thomas Jenkins.

If you, dearest Polly, a *Nosegay* admire,  
Below you will find what may crown your Desire.  
And first, to "a Title of Royalty" join  
"Three-fifths of a God, to whom all must resign."  
"Where the Goddess of Love, her bright Picture may view,"  
Put next;—'tis a Flow'r of an elegant Hue.  
"To the Name of a Bird" add "to what the brisk Horse  
"Owes the principal Merit and Speed of his Course."  
"What the Swain often feels," when inconstant as Wind,  
The Nymph proves ungrateful, unjust and unkind,—  
Though each has its Excellence, yet 'tis confess'd,  
They gather fresh Beauties when gracing your Breast.

*We are sorry Mr. T. Baker's Ænigma could not be proposed, according to his Desire, this Year; it being thought that it will be much properer some Years hence.—The second of Miss Harriot's Ænigmas is on the same Subject with this, and, therefore, is liable to the same Objection for the present.—The Ænigmas by Celinda and Sheffieldiensis, though they could not this, shall be taken due Notice of next Year, and so shall every Thing else our ingenious Contributors have, from Time to Time, favoured us with, be published as often as Opportunity offers, &c.*

ANSWERS to the MATHEMATICAL QUESTIONS  
proposed in the last Year's DIARY.

I. QUESTION 566 answered by Mr. James Mills.

**L**ONG may you dwell on Earth, immortal WRAY, \*  
And, when departed, shine in endless Day.

*Pamphagus* observes that this Gent. \* is a Descendant of Sir Cecil Wray, who was created a Baronet Nov. 25th 1614.

Answer to the same by Mr. Paul Sharp.

By substituting for  $w$  its Equal  $x + 4$  in the 12. given Equation, the Value of  $x$  will, from thence, be found  $= \frac{1}{2} \times 57 - y$ , and consequently  $w = \frac{1}{2} \times 65 - y$ ; and these Values substituted in the 4d and 3d given Equations, they become  $57 - y = \frac{1}{2} \times 65 - y$  and  $2 \times 501$  and  $y + x = \frac{1}{2} \times 57 - y$  and  $65 - y = 321$ ; from which, by P. 32 of *Simp. Essays*,  $y = 1$  and  $x = 23$ ; and thence  $w = 27$  and  $w = 21$ , and the Honourable Gentleman's Name is Wray. — Messrs. G. Lodge, E. Jones, L. Ker, J. Probert and J. Roper had the Values of  $w$ ,  $x$ ,  $y$  and  $z$  the same as above, by Means of Equations of the 5th Power with all the Terms (to which Dimension the *Quest.* seems naturally to rise). — It is also answered by Messrs. J. B. Apton, T. Atkinson, (the Proposer), T. Barker, E. Bayley, N. Brownell, J. Biddle, W. Cave, jun. W. Dent, Miss Ann Nicholls, J. Dorden, T. Robinson, W. Spicer, W. Stoker, Mrs. E. Suggatt, E. Smith, W. Smith, S. Vince, and J. Young.

Messrs. T. Bennett, R. Dening, W. Dixon, H. Fry, R. Gibbons, T. Hague, J. Osborn, Pamphagus, I. Paty, W. Rawle, E. Reed, A. Rowe, W. Sewell and Watson of Cravenshook, have likewise answered it.

II. QUESTION 567 answered by Mr. W. Spicer.

**C**ONSTRUCT. Form the  $\triangle GPD$ , having its  $\angle P = 112^\circ 30'$  (the Sum of the given Bearings of the Gun and Castle), and the containing

Sides  $PG$ ,  $PD$  equal to  $7 \times 1142$  and  $7 + 4 \times 1142$  respectively (1142 being the Numb. of Feet

Sound passes over in 1"), and draw the Right-line  $GC$ , making the  $\angle CGD = \angle CDG$ ; then,  $P$  being the Place of Observation, and  $G$  the Gun,  $C$  will be the Place of the Castle required: For,  $CG$  being  $= CD$  (per Construc.),  $GC + CP$  will be  $= PD$  (the given Dist. by Construction).

**CALCULA.** In the  $\triangle GPD$ , the two Sides  $PG$ ,  $PD$  and included Angle being given, the  $\angle D$  is found  $= 25^\circ 18' 15''$ , and its Double, viz. the  $\angle PCG$ , is  $= 50^\circ 36' 30''$ ; then, in the  $\triangle PCG$  all the  $\angle$ s, and the Side  $PG$ , are given, to find  $GC = 9556,4844$  and  $PC = 3005,5156$  Feet. — And, in this Manner, nearly, it is, also, constructed by *Naja Dargut*; but Messrs. J. Chisbourn, W.



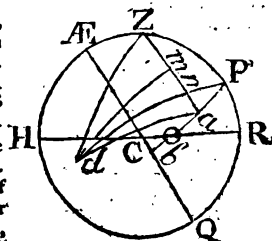
Cole, J. Osborne, Pambagus, J. Paty, E. Reed, and W. Wahr; after describing the  $\triangle DPG$  nearly as before, bisect  $DG$  with the Perpendicular  $EC$  meeting  $PD$  in the Point  $C$ , the Place of the Castle required.

Mr. W. Sewell observes that the Point  $C$ , aforesaid, will be in the Periphery of an Ellipse, having its Foci in  $P$ ,  $G$  and Transverse  $= PC + GC$ ; as, from the well known Property of that Curve, is manifest.

It is likewise answered by Messrs. J. Addison, J. Ainsworth, Thos. Barker, W. Cave, W. Dent, W. Dixon, R. Gibbons, T. Hague, E. Jones, G. Lodge, Miss A. Nickolls (the Proposer), J. Probert, W. Rawle, T. Robinson, J. Roper, P. Sharp, C. Smith, E. Smith, W. Stoker, Mrs. E. Suggett, T. Todd, S. Vince, H. Watkins, jun. Watson of Crawbrook and J. Young.

### III. QUESTION 568 answered by Mr. John Roper.

LET  $P$  represent the North Pole,  $Z$  the Zenith of the Place in Lat.  $30^\circ$ ,  $a$  that of the Place in Lat.  $50^\circ$ ,  $\odot$  the Sun in the Horiz.  $HR$  of the former, and on the Merid.  $Pb$  of the latter of them, on the Day proposed,  $d$  the Port required,  $AEQ$  the Equat. intersecting  $HR$  in the Cent. of Projec.  $C$ ,  $Za$ ,  $Pd$  two Arcs of Great-Circles intersecting each other in  $n$ , and  $dm$  another Arc.  $\perp Za$ , which will bisect it, as  $Zd$  is  $= ad$ ,



per Question. Then, in the right-angled Spherical  $\triangle Cb\odot$ , are given  $b\odot$  (the  $\odot$ 's Declin.)  $= 15^\circ 58'$ , and the  $\angle bC\odot$  (the Comp. of Lat. of the Place  $Z$ )  $= 60^\circ$ , to find  $Cb = 9^\circ 30' \frac{1}{2}$ ; whence  $Ab$  (or the  $\angle AEPb$  or  $ZPa$ ) is  $= 99^\circ 30' \frac{1}{2}$ . And then, in the Spherical  $\triangle ZPa$ , the Sides  $ZP$ ,  $aP$  with their included  $\angle$  being given,  $Za$  will be found  $= 73^\circ 4' 39''$  and the  $\angle PaZ = 63^\circ 13' \frac{1}{2}$ . Now, the  $\angle aPn$  (the Westward Bearing of the Merid. of the required Port  $d$  from that of the Place  $a$ ) being given  $= 40^\circ$  (per Quest.), in the  $\triangle aPn$  are given two  $\angle$ s with the interjacent Side  $aP$ , whence the Sides  $nP$ ,  $na$  and the  $\angle Pna$  ( $= \angle dnm$ ) are found  $= 35^\circ 12' 4''$ ,  $24^\circ 31' 18''$  and  $84^\circ 34' 25''$  respectively, and consequently in the right-angled Spherical  $\triangle dnm$ ,  $mn$  ( $= \frac{1}{2} Za - na$ ) and the  $\angle mnd$  being, now, known,  $dn$  is, from thence, found  $= 66^\circ 21' 49''$ ; to which adding  $nP$ , and subtracting  $90^\circ$  from their Sum, the Remainder  $11^\circ 14' 53''$  South, will be the Lat. of the Port required.

And in this Manner, nearly, the Answer is also given by Messrs. T. Barker, J. Chibbulse (the Proposer), W. Dixon, J. Dymond, R. Gibbons, E. Jones, Miss Ann Nickolls, J. Nordon, Pambagus, J. Probert, R. Pulman, T. Robinson, A. Rowe, C. Smith and W. Wales.

Messrs. J. Ainsworth, J. Buddle, J. Dalby, W. Rawle, P. Sharps, W. Spicer and J. Young answer it algebraically.



IV. QUESTION 569 answered by Masters J. Paty and J. Osborne, Youths of about 13 Years of Age, at the Mathematical Academy, Bristol.

LET  $x$  = the Annuity,  $y$  = the Amount of 1 £. in one Year,  $a = 500$ ,  $m = 1100$ ; then, by the Doctrine of Compound Interest and Annuities (See Note, P. 350 of *Dennis's* \* Arithmetic)

$$\frac{ay - a}{y^5 - 1} = \frac{my - m}{y^{10} - 1} (= x), \text{ and consequently (putting } \frac{m}{a} - 1 = c,$$

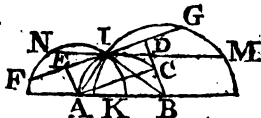
and  $\frac{m}{a} = 2.2) y^{10} - 2.2y^5 = -c$ ; whence (completing the

Square, &c.)  $y = \sqrt[5]{2.2 + \sqrt{2.2^2 - c}} = 1.037137$  &c. and the Rate of Interest = 3 £. 14 s. 3 d.  $\frac{1}{2}$  per Cent. per Annum, and the Annuity required = 92 £. 16 s. 10 d.  $\frac{1}{2}$ .—And thus it is, also, answered by Messrs. J. Addison, T. Barker, J. Bennett, T. Bosworth, N. Brownell, J. Buddle, J. Dalby, N. J. Dargnas, W. Dent, W. Dixon, J. Dymond, T. Hague, E. Jones, G. Lodge, J. Nordon, J. Probert, W. Rawle, T. Robinson, J. Roper, A. Rowe, W. Setwell, P. Sharp, C. Smith, W. Spicer, W. Steker, T. Todd, S. Vince and J. Young, very nearly.

*Pampagus* observes that "since the Annuity forborn 5 Years amounts to 500 £. and when forborn 10 Years to 1100 £. it is manifest that the Interest of 500 £. for 5 Years must be = 100 £. Therefore the Rate per Cent. will be easily found = 3 £. 14 s. 3 d.  $\frac{1}{2}$ . 19; and thence, by a well known Theorem, the Annuity = 92 £. 16 s. 10 d.  $\frac{1}{2}$ . 76."—And, from this Consideration of the Matter, Messrs. *Ter. Answorth* and *W. Wales* have, likewise, answered it.

V. QUESTION 570 answered by Mr. Wm Cole.

CONSTRUC. Upon AB (the Right-line joining the Centers of the given Circles intersecting each other in I) conceive a Semi-cir. to be described, and apply therein, from either A or B, the Chord AC = 9.5 (half the given Line), and parallel thereto let FG be drawn through I, terminating in their Peripheries, and it will be the Line required.



DEMON. Through C draw BD, and parallel to it, AE, meeting FG at right Angles (by 31.3 and 29.1 *Eu.*) and bisecting the Chords IG, IF (by 3.3. *Eu.*), and then FE + DG will be = ED = AC (= 9.5, per Construc.), and consequently FG = 2 AC = 19.

CALCULA. Join the Points A, I and B, I: Then, in the  $\triangle AIB$  the Sides being given, the  $\angle ABI$  is found =  $36^\circ 52' 12''$ ; which taken from the  $\angle ABC$  (found =  $71^\circ 48' 18''$ , from the right angled  $\triangle ACB$ ) leaves  $34^\circ 56' 6'' = \angle IBD$ : Whence, from the right-angled  $\triangle IDB$ , is found  $ID = 4.5811$ ; and therefore the Segment in the greater Cir. is = 9.1622 &c. and *that*, in the

\* NOTE, This ingenious Gent. intends, shortly, to favour the Public with a new, complete Course of the Mathematics in 8vo. a Thing much wanted; and whereof the 1st and 2d Vols. are already published.

leffer  $\approx 9.8377$  &c. Inches.—If the Chord AC be inscribed the other Way from B, the Construc. and Method of Calcula. will be the same, and the Segment in the greater Circ. will, in that Case, be found  $\approx 15.1624$  &c. and that in the leffer  $\approx 3.8318$  &c.

Messrs. J. Ainsworth, R. Butler (the Proposer), T. Bessworth, J. Buddle, J. Dalby, Najo Dargues, J. Dymond, R. Gibbons, C. Hutton, E. Jones, Miss Anna Nicobols, Pampbagen, J. Pary, R. Pulman, J. Rowe, W. Sewell and W. Wales construct it in this Manner likewise, very nearly.

*Algebraic Solution to the same by Mr. John Addison.*

**P**UT:  $FG$  ( $\approx 19$ )  $\approx a$ ,  $AI$  ( $\approx 6$ )  $\approx \frac{1}{2}b$ ,  $BI$  ( $\approx 8$ )  $\approx \frac{1}{2}c$ , and  $x \approx FI$ ; then will  $IG \approx a - x$ , and (per 3. c. 3)  $EI \approx \frac{1}{2}x$ , and  $ID \approx \frac{1}{2}x$  &  $a - x$ . Then, the Sides of the  $\triangle AIB$  being in the Ratio of 3, 4, and 5 (per Quest.), the  $\angle AIB$ , opposite the longest of them, will, therefore, be a right Angle, and, consequently, the right-angled  $\triangle A EI$ ,  $B DI$  similar; whence  $\frac{1}{2}c$

$(AI) : \frac{1}{2}x (EI) :: \frac{1}{2}c (BI) : \frac{\frac{1}{2}cx}{a} \approx BD$ , and (per 47. c. 2)  $\left(\frac{1}{2}cx\right)^2 + \frac{1}{2}x(a-x)^2 \approx \left(\frac{1}{2}c\right)^2$ , or (in Numbers),  $x^2 - 13.62x \approx -27.8$ ; solved,  $x$  ( $FI$ )  $\approx 9.8375$ , or  $3.8493$ ; and consequently  $IG \approx 9.1625$ , or  $15.1577$ , &c.

In this Manner, nearly, it is, also, answered by Messrs. T. Barker, W. Dixon, J. Probert, W. Rawle, T. Robinson, J. Repar, S. Vince, and J. Young.

**VI. QUESTION 571 answered by Mr. J. Clapchafe.**

**C**ONSTRUC. From P, the Port sailed from, let the Right-line PN be drawn to represent the magnetical or erroneous Meridian. Make the  $\angle NPT \approx 4\frac{1}{2}$  and the  $\angle PTA \approx 3$  Points, taking  $PT \approx 62$  Miles (the Dist. run on the Larboard Tack) and  $TA \approx 75$  Miles (the Dist. on the Starboard Tack), and on the Right-line joining the Points A, P describe a Semi-cir. and inscribe therein the Chord  $PC \approx 25$  Miles. (the given Difference of Lat.), and PC will be the Direction of the true Meridian, AC the Departure and the  $\angle NPC$  the Variation required; the Demonstration of which is evident from the Nat. of turning to Windward, &c.

**CALCULA.** In the  $\triangle APT$ , are given  $PT$ ,  $TA$  together with their included Angle, whence  $AP$  is found  $\approx 41.6694$ , and the  $\angle APT \approx 90^\circ 29'\frac{1}{2}$ , nearly; from which take the  $\angle APC$  (found  $\approx 39^\circ 8'$ , from the right-angled  $\triangle ACP$ ) and the Remainder  $37^\circ 21'\frac{1}{2}$  ( $\approx \angle CPT$ ) taken from the  $\angle NPT$  ( $\approx 50^\circ 37'\frac{1}{2}$ , per Construc.) leaves the  $\angle NPC \approx 13^\circ 15'\frac{1}{2}$  the Variation required, which is Westerly.

In this Manner, nearly, it is also constructed by Messrs. J. Addison, T. Barker, T. Bessworth, J. Buddle, J. Dalby, W. Dixon, R. Gibbons,



*C. Hutton, E. Jones, Miss Ann Nichol, Pamphagus, T. Probert, W. Rawle, T. Robinson, J. Roper, A. Rowe, Mrs. E. Suggs; H. Watkins jun. J. Young and W. Wales.*

*Messrs. W. Spicer and W. Socher have given neat algebraical Solutions to it.*

VII. QUESTION 572 answered by Mr. W. Wales.

**P**UT  $c =$  Co-f. of  $10^\circ$  (the given Diff. of Lat. of the two Places),  
 $e =$  Co-f. of  $56^\circ 45' 2''$  (their given nearest Dist.) and  $s =$   
 Co-f. of their Difference of Longitude required (Rad.  $= 1$ ); then, the  
 Sine or Co-f. of the Sum of two Arcs being every-where equal to the  
 Sine or Co-f. of the Sum of their Complements, the Co-f. of the Sum  
 of the Co-latitudes of the said Places will be  $\pm s$  (*per Quest.*); and  
*per Simp. Trig. Prop. 27. P. 74*)  $\frac{2c - 2s}{c - s} = 1 - s$  (the Versed-

Sine of their Diff. of Long.): Whence, by Reduction and putting  $1 - s = 2s$ , there results  $s = \sqrt{1^2 + 2s - c + s} = .34109$ ,  
 the Nat. Co-f. of  $70^\circ$ ; and so the Latitudes are  $40^\circ$  and  $30^\circ$ .—But  
 $s$  may be either affirmative or negative, and consequently the Sum of  
 the Lat. of the two Places either  $70^\circ$ , or its Supplement to  $180^\circ$ , &c.

This *Quest.* is also ingeniously answered by Messrs. J. Ainsworth,  
 T. Barker, W. Dixon, R. Gibbons, Miss Ann Nichol, Pamphagus,  
 W. Rawle, T. Robinson, P. Sharp (the Proposer), W. Spicer, Mrs.  
 E. Suggs, S. Vices, and J. Young.

VIII. QUESTION 573 answered by Pamphagus.

**W**OULD you the Lady's Fortune know,  
 Look down, and you will see't below.  $\uparrow$   
 $\uparrow$  937 £. 13 s. 1 d.

The same answered by Mr. N. Brownell.

**T**HE given Equat. being  $\left(\frac{0.8}{x}\right)^{2x^{\frac{1}{3}}} = y$ , put  $x = \frac{1}{z}$ ,  $x =$  Hyp.

Log. of  $\frac{0.8}{x^{\frac{1}{3}}}$  and  $m = 0.43429448$ , and then  $2mx^{\frac{1}{3}} (= y)$  is a *Mean*.

(*per Quest.*). In Fluxions,  $2 \frac{1}{z} x^{\frac{1}{3}} + 2mx^{\frac{1}{3}-1} \frac{1}{z} = 0$ , or  $-\frac{1}{3} x^{\frac{1}{3}-1} + 2mx^{\frac{1}{3}-1} \frac{1}{z} = 0$  (because  $\frac{1}{z} = \frac{x}{x^2}$ , by the Nature of

Log.); whence  $x (=$  Hyp. Log. of  $\frac{0.8}{x^{\frac{1}{3}}}) = \frac{4}{3}$ , and  $0.5790593 (\frac{4}{3})$

is  $=$  Tabular Log. of  $\frac{0.8}{x^{\frac{1}{3}}}$ , or the Log. of  $x =$  Log of  $0.8 - .5790593$

$\times 3 = 7.9720921$ , and the Natural Number, answering thereto, is  
 $0.009377658$ ; which, multiplied by 100000, gives 937 £. 13 s. 1 d.  $\frac{1}{2}$   
 $=$  the Lady's Fortune.



$y^{\frac{1}{2}} - \frac{6y^{\frac{1}{2}}}{7c} + \frac{24y^{\frac{1}{2}}}{35c^2} - \frac{16}{35c^3} + \frac{128}{315c^4}$  will be the Length of the Curve required.

Messrs. J. Ainsworth, T. Allen, T. Barker (the Proposer), J. Bennett, T. Bosworth, N. Brownell, T. Todd, W. Rawle, W. Sewell, W. Spicer and S. Vince answer it in the same Manner, very nearly.

XI. QUESTION 576 answered by Mr. T. Todd.

PUT  $c = 2.1416$  (the Circumf. of the Circ. whose Diam. is 1),  $s = 1728$  (the given Solidity of the required Cone),  $x =$  its Alt.  $y =$  the Rad. of its Base and  $p = 39.2$  Inches (the Length of a Pendulum vibrating Seconds); then (per P. 225 of *Simp. Flux.*)

$\frac{4x^2 + y^2}{5x} =$  the Dist. of the Cent. of Oscillation from its Vertex (or

Point of Suspension), and (by the Doctrine of Pendulums, their Lengths being inversely as the Squares of the Numb. of Vibrations made by

them in the same Time)  $\frac{(60'')^2 \times 5p^2 x}{4x^2 + y^2}$  (the Square of the Numb. of

Vibrations performed by the Cone in  $x'$ )  $= x^2$  (per *Quest.*); from

which, and the Equation  $\frac{1}{3}cx^2 = s$ , is found  $x = (4500p - \frac{3s}{4c})^{\frac{1}{2}}$

$= 56.039$  &c. and  $y = (\frac{3s}{cx})^{\frac{1}{2}} = 5.426$  &c. Inches.

Mr. Ja. Young puts  $a = 39.2$  Inches.  $s = 1728$ ,  $p = 3.1416$ ,  $x =$  the Height and  $y =$  Rad. of the Base of the required Cone, in Inches: then  $\frac{1}{3}p^2xy^2 = s$ , and (per Pa. 239 of *Emer. Flux.* 1st.

Edit.)  $\frac{4x^2 + y^2}{5x} =$  Dist. of the Cent. of Oscillation from its Vertex,

or the Length of a Pendulum Isochronal to the Cone: Whence,

$\sqrt{\frac{4x^2 + y^2}{5ax}}$  being  $=$  the Time of 1 Vibration,  $\sqrt{\frac{4x^2 + y^2}{5ax}}$

$: 1 :: 60'' : x$ , or  $x \sqrt{\frac{4x^2 + y^2}{5ax}} = 60$  (per *Quest.*); from whence,

and the preceding Equation,  $x$  comes out  $= 56.0394$  &c. and  $y = 5.4264$  &c. Inches.

In the same Manner as above, nearly, the Answer is, also, given by Messrs. J. Addison, J. Ainsworth, T. Allen, T. Barker, T. Bosworth, N. Brownell, J. Buddle, W. Dawes, W. Dent, W. Dixon, E. Jones, Pambagus, W. Rawle, T. Robinson, W. Sewell (the Proposer), C. Smith, E. Smith, S. Vince, and W. Wales.

XII. QUEST. 577 answered by Mr. T. Moss, (the Proposer.)<sup>2</sup>

LET such a Quantity of the strong Spirits (i. e. 2 to 7, 1 to 2, 1 to 3 &c.) as one Gallon of Water will reduce to Hydrometer Proof be  $= a$ , and the Quant. when so reduced  $= b$  (viz.  $b = a \div 1$ ): Moreover, let such a Quant. of Hydrom. Proof as one Gall. of Water will reduce to the lower Strength (i. e. 1 in 2, 1 in 3 &c.)  $= c$ , and the Quant. when so reduced  $= d$ ; also, let the required Quant. of Water necessary to reduce one Gallon of the strong to any given Strength under Hydrom. Proof  $= x$ :—Then,  $d : c :: 1 + x : 1 + \frac{c + cx}{d}$  = the Quant. of Hydrom. Proof Spirits in  $1 + x$  Quant.

(or in one Gall. of strong); but  $a : b :: 1$  (i. e. one Gall. of strong Spirits):  $\frac{b}{a}$ ; whence  $\frac{c + cx}{d} = \frac{b}{a}$ , and  $x = \frac{bd}{ae} - 1$ .

GEN. RULE. Let such a Quantity of the Strong as one Gallon of Water will reduce to Hydrometer Proof, be multiplied by such a Quant. of the Strong as one Gallon of Water will reduce to the given Strength under Hydrometer Proof: Then let the Product of the two Quantities so reduced be divided by the former Product; from the Quotient subtract Unity, and the Remainder will be the required Factor for multiplying any given Quantity of Spirits above Hydrometer Proof, in order to show the Quantity of Water necessary to be added to make them of any given Strength below that Proof.

Suppose, for Example, Spirits of 1 to 3 were to be reduced to 1 in 7 (i. e. to Export Strength):—Here  $a = 3$ ,  $b = 4$ ,  $c = 6$  and  $d = 7$ ; therefore, by the above Rule,  $\frac{bd}{ac} - 1 = \frac{4 \times 7}{3 \times 6} - 1 (= 1.5555 \text{ &c.} - 1) = .555 \text{ &c.}$  the required Factor.

<sup>2</sup> Delete 1 in 1 in the Question; that being wrong.

NOTE, This Prob. will be of great Utility to Persons concerned in trying the Strength of Spirits by the Hydrometer.

Messrs. J. Ainsworth, T. Barker and E. Jones have, likewise, sent Answers to this Question.

## XIII. QUESTION 578 answer'd by Mr. Rd. Gibbons.

AS this Quest. refers to the common Diagonal-Rod, I shall take my Example therefrom, where, against 22 Inches, is 29 Wine Gallons or 6699 Cubic Inches. Then, putting  $2x =$  the Diam. and  $2x =$  the Axis of the required Spheroid,  $x^2 + x^2$  will be  $= 22^2$  (per 47. §. 1.). and  $4.1888x^2 =$  (the solid Content of the Spheroid, in Inches)  $= 6699$  (per Quest.). Whence ( $x^2$  being exterminated)  $484x - x^2 = 1599.2647$ : Reduced,  $x = 20.114$ ; and thence  $x = 3.917$ , and their Ratio (or the Ratio required) is as 2.25 to 1, or as 9 to 4.—Messrs. J. Addison and J. Young have, also, answered this Quest. very ingeniously, and bring out the same Conclusion.

Answer to the same by Mr. Joseph Walker (the Proposer).

LET the Content of a Spheroid (in Inches) be denoted by  $x$ , its corresponding Diagonal (on the Gauging-Rod) by  $d$ , and the

Semi-axis, on which the Spheroid is supposed to be generated, by  $x$  ( $x = 3.14159$  &c.). Then, by the known Theorem,  $d^2 = x^2 \times \frac{4}{3}$   $\frac{4}{3} = 4$ ; which is a General Equation, Now, let  $x$ , for Instance,

be interpreted by 60 Ale Gallons, or 16920 Cubic Inches, and  $d$  the corresponding Diagonal (nearly on the Rod), by 30 Inches; then, the above Equat. becomes  $900 x - x^3 (= 16920 \div \frac{1}{3} \times 4 x) = 40401165$ : Which having two affirmative Roots, we therefore have  $x = 27.425$  and  $4.61$ , nearly; being, respectively, the Semi-Lengths of the oblong and prolate Spheroid: Whence ( $\sqrt{d^2 - x^2}$ ) the Semi-diameters thereof will be 12.16 and 29.64. Hence it appears that the Axes of every oblong Spheroid, whose Content may be truly obtained by the common Diagonal-Rod, must be in the Ratio of 12.16 to 27.425, but those of the Prolate One, as 4.61 to 29.64, very nearly: Which Ratios agree with those in Mose's Gauging, Pa. 197, and are a Confirmation of the Truth of that Author's Principles, with Respect to the vast Comprehensiveness and Utility of the Diagonal-Rod.

Pamphagus thinks this Quest. is solved in a Manner sufficiently scientific in Mose's Gauging, Pa. 197, he says, "excepting to such as are resolved to join in Opinion with the doubtful Reviewer of that excellent Treatise, and pronounce such a Thing impossible."

XIV. QUESTION 579 answered by Mr. H. Brown (of the Tower), Mr. T. Mose (the Proposer) and Mr. J. Wore.

Cards.	Combinations.	Cards.	Combinations.		
10,5	16.4	64	3,4,1,1,1	4.4.4	64
10,4,1	16.4.4	256	8,3,3,1	4.6.4	96
10,3,2	16.4.4	256	8,3,2,2	4.4.6	96
10,3,1,1	16.4.6	384	8,3,2,1,1	4.4.4.6	384
10,2,2,2	16.6.4	384	8,3,1,1,1,1	4.4	16
10,2,1,1,1	16.4.4	256	8,2,2,2,1	4.4.4	64
9,6	4.4	16	8,2,2,1,1,1	4.6.4	96
9,5,1	4.4.4	64	7,7,1	6.4	24
9,4,2	4.4.4	64	7,6,2	4.4.4	64
9,4,1,1	4.4.6	96	7,6,1,1	4.4.6	96
9,3,3	4.6	24	7,5,3	4.4.4	64
9,3,2,1	4.4.4.4	256	7,5,2,1	4.4.4.4	256
9,3,1,1,1	4.4.4	64	7,5,1,1,1	4.4.4	64
9,2,2,2	4.4	16	7,4,4	4.6	24
9,2,2,1,1	4.6.6	144	7,4,3,1	4.4.4.4	256
9,2,1,1,1,1	4.4	16	7,4,2,2	4.4.6	96
8,7	4.4	16	7,4,2,1,1	4.4.4.6	384
8,6,1	4.4.4	64	7,4,1,1,1,1	4.4	16
8,5,2	4.4.4	64	7,3,3,2	4.6.4	96
8,5,1,1	4.4.6	96	7,3,3,1,1	4.6.6	144
8,4,3	4.4.4	64	7,3,2,2,1	4.4.6.4	384
8,4,2,1	4.4.4.4	256	7,3,2,1,1,1	4.4.4.4	256

Cards.	Combinations.	Cards.	Combinations.
7,2,2,2,2	4	5,4,2,1,1,1,1	4.4.4 64
7,2,2,2,1,1	4.4.6 96	5,3,3,3,1	4.4.4 64
7,2,2,1,1,1,1	4.6 24	5,3,3,2,2	4.6.6 144
6,6,3	6.4 24	5,3,3,2,1,1	4.6.4.6 576
6,6,2,1	6.4.4 96	5,3,3,1,1,1,1	4.6 24
6,6,1,1,1	6.4 24	5,3,2,2,2,1	4.4.4.4 256
6,5,4	4.4.4 64	5,3,2,2,1,1,1	4.4.6.4 384
6,5,3,1	4.4.4.4 256	5,2,2,2,2,1	4.6 24
6,5,2,2	4.4.6 96	5,2,2,2,1,1,1	4.4 16
6,5,2,1,1	4.4.4.6 384	4,4,4,3	4.4 16
6,5,1,1,1,1	4.4 16	4,4,4,2,1	4.4.4 64
6,4,4,1	4.6.4 96	4,4,4,1,1,1	4.4 16
6,4,3,2	4.4.4.4 256	4,4,3,3,1	6.6.4 144
6,4,3,1,1	4.4.4.6 384	4,4,3,2,2	6.4.6 144
6,4,2,2,1	4.4.6.4 384	4,4,3,2,1,1	6.4.4.6 576
6,4,2,1,1,1	4.4.4.4 256	4,4,3,1,1,1,1	6.4 24
6,3,3,3	4.4 16	4,4,2,2,2,1	6.4.4 96
6,3,3,2,1	4.6.4.4 384	4,4,2,2,1,1,1	6.6.4 144
6,3,3,1,1,1	4.6.4 96	4,3,3,3,2	4.4.4 64
6,3,2,2,2	4.4.4 64	4,3,3,3,1,1	4.4.6 96
6,3,2,2,1,1	4.4.6.6 576	4,3,3,2,2,1	4.6.6.4 576
6,3,2,1,1,1,1	4.4.4 64	4,3,3,2,1,1,1	4.6.4.4 384
6,2,2,2,2,1	4.4 16	4,3,2,2,2,2	4.4 16
6,2,2,2,1,1,1	4.4.4 64	4,3,2,2,2,1,1	4.4.4.6 384
5,5,5	4 4	4,3,2,2,1,1,1,1	4.4.6 96
5,5,4,1	6.4.4 96	4,2,2,2,2,1,1,1	4.4 16
5,5,3,2	6.4.4 96	3,5,3,3,2,1	4.4 16
5,5,3,1,1	6.4.6 144	3,3,3,3,1,1,1	4 4
5,5,2,2,1	6.6.4 144	3,3,3,2,2,2	4.4 16
5,5,2,1,1,1	6.4.4 96	3,3,3,2,1,1,1	4.6.6 144
5,4,4,2	4.6.4 96	3,3,3,2,1,1,1,1	4.4 16
5,4,4,1,1	4.6.6 144	3,3,2,2,2,2,1	6.4 24
5,4,3,3	4.4.6 96	3,3,2,2,2,1,1,1	6.4.4 96
5,4,3,2,1	4.4.4.4.4 1024	3,2,2,2,2,1,1,1,1	4 4
5,4,3,1,1,1	4.4.4.4 256		
5,4,2,2,2	4.4.4 64		
5,4,2,2,1,1	4.4.6.6 576		

The Number sought 17264.

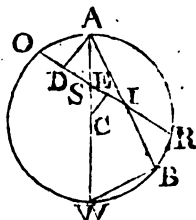
Mr. J. Pike has also answered it very ingeniously by a different Method.—Mr. T. Barker and Pampagus answer it from P. 520, 521 of Birk's Arithmetic, where, they inform us, it is calculated by Major Watson, and the Number found to be 17264, or 34528 Holes.

#### XV. QUESTION 580 answered by Mr. W. Wales.

**D**RAW A D, C E I O R (C being the Cent. of the Circ.), and let the Points W, B be joined. Then,  $d$  being = the Diam. A W,  $p$ ,  $q$ ,  $r$  = the Co-lines of the Angles I, S, A (to Rad.)



$x = AI$  and  $y = IR$  (per Quest.)  $1 : d ::$   
 $\therefore dr = AB$ ;  $\therefore BI = dr - x$ . Also,  
 $1 : d :: p : px = DI$ , and  $y + px = DR$ .  
 Lastly, (because of the parallel Lines  $AD$ ,  
 $CE$ , and by Composition of Ratios)  $1 : \frac{1}{2}d ::$   
 $q : \frac{1}{2}dq = DE$ , and  $DR + DE = ER$   
 $= EO = \frac{1}{2}RO$  (Cor. 2. 3 *Simp. Geom.* 2d  
*Edit.*)  $= y + \frac{1}{2}dq \pm px$ ;  $\therefore IO = y +$   
 $\frac{1}{2}dq \pm 2px$ , and (21. 3.)  $y \times y + dq \pm 2px$



$= x \times dr - x$ ; which, properly ordered, gives  $y^2 + dqy \pm 2pxy$   
 $+ drx + x^2 = 0$ , a General Equation; the upper Signs of the 2d  
 and 3d Terms obtaining when the  $\angle S$  is obtuse and the lower ones  
 when the  $\angle I$  is obtuse, and when they are both acute, the two  
 affirmative Signs take Place. But, if  $AB$  be drawn on the other Side  
 of the Diam.  $AW$ , the contrary must be observed in every Case.

Cor. 1. If  $AB$  coincides with  $AW$ ,  $p = q$ , and  $r = \text{Radius}$ ;  
 $\therefore$  the Equation, in this Case, is  $y^2 + dqy \pm 2qxy - dx + x^2$   
 $= 0$ .

Cor. 2. When  $OR$  is  $\perp AW$ ,  $q$  vanishes, and the Equation  
 becomes  $y^2 \pm 2pxy - drx + x^2 = 0$ .

Cor. 3. Lastly, when both these Suppositions take place, the Ex-  
 pression becomes  $y^2 - dx + x^2 = 0$ ; the common Equation. —  
 And in this Manner, nearly, the Answer is, also, given by Messrs.  
*J. Ainsworth, Pampbagus, W. Sewell, and T. Todd.*

Answer, to the same by Mr. Cha: Hutton (the Proposer).

PUT  $a = AB$ , and  $s, n$  and  $c$  = the Sines of the  $\angle s I, S$  and  $A$   
 (the rest the same as above); then (by Trigonom.)  $cxn^{-1} =$   
 $IS$  and  $sxn^{-1} = AS$ ; and (by the Prop. of the Circle,  $OS$   
 being  $= AS \times SW \times RS)^{-1} = sxn^{-1} \times d - sxn^{-1} \times$   
 $y + cxn^{-1})^{-1}$  and  $OI \times IR = AI \times IB) sxn^{-1} \times d - sxn^{-1}$   
 $\times y + cxn^{-1})^{-1} + cxn^{-1} \times y = x \times a - x$ ; But  $a =$   
 $dr, s = cq + nr$  and  $p = cn - qr$ ; whence, by Substitution,  
 $y^2 + dq \{ y - drx \} = 0$   
 $+ 2px \} y + x^2 \} = 0$ .

Cor. 1. Hence,  $y = -px - \frac{1}{2}dq \pm \sqrt{px + \frac{1}{2}dq)^2 + drx - x^2}$ .

Cor. 2. If  $y = 0$ , then  $x = 0$ , or  $= dr (= AB)$ , as it ought.

Cor. 3. If  $x = 0$ , then  $y = 0$ , or  $= -dq$ .

Cor. 4. If  $x = AB = dr$ , then  $y = 0$ , or  $= -d \times 2pr + q$ .

Cor. 5. If either  $S$  or  $I$  be an obtuse Angle, the Sign of  $q$  or  $p$  must  
 be changed wherever it is found.  $A$  can never be an obtuse  $\angle$ , and  
 $q, r$  is always affirmative.

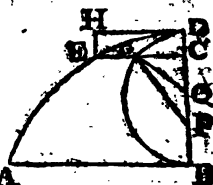
Cor. 6. If AB' be on the other Side of AW, the Signs of  $p$  and  $q$  will be changed.

Cor. 7. If AB coincides with AW, then  $r = \tau$ ,  $p = q$ , and the General Equation is  $y^2 + dgy + 2qxy - dx + xx = 0$ ; which, when  $S = a$  right  $\angle$  ( $q$  being then  $= 0$ ) becomes, barely,  $yy = dx - xx$ , the common Equation to the Circle.

\* The Term  $2pxy$  (in proposing this Quest. last Year) was printed with a wrong Sign.

# XVI. QUESTION 581 answered by Mr. T. Allen (the Proposer).

LET DGB be any Curve meeting the Axis DB in B, and let P be a given Point in that Axis. Then, putting the Abscissa DC =  $x$ , Ord. CG =  $y$ , and DP =  $a$ ,  $\frac{y\dot{x} + a\dot{y} - x\dot{y}}{2}$  will truly ex-



hibit the Flux, of the Space DGP. Wherefore, in the present Case, putting DQ (Rad.) =  $r$ , QP =  $q$ , and the Arc DG

=  $s$ , we shall have  $\frac{y\dot{x} + a\dot{y} - x\dot{y}}{2} = \frac{\dot{x} \sqrt{2rx - x^2}}{2}$

$\frac{rx\dot{x} - x^2\dot{x}}{2\sqrt{2rx - x^2}} + \frac{a\dot{y}}{2} = \frac{rx\dot{x}}{2y} + \frac{a\dot{y}}{2}$ ; whose Fluent,  $\frac{rx + ay}{2}$ , is

the Area of the Space DGP. If, therefore, this Area be to the Ord.

EG in the constant Ratio of  $r$  to  $m$ , the Ordinate itself will be  $= \frac{mx}{r + qy}$ .

Cor. Suppose  $m = 2$ , and draw DH || and EH  $\perp$  CE, then will  $rx\dot{x} + qxy = \frac{rx\dot{x} - qx^2\dot{x}}{y}$  be the Flux, of the Space EDH;

whose Fluent is  $ar \times \frac{x - y}{2} + \frac{3qxy + qy^2 - 3q^2x}{2}$ ; And,

therefore, the Area of EDC will be  $= rx + \frac{1}{2}qyx + ar \times \frac{y - x}{2} + \frac{3}{2}qr \times \frac{x - y}{2}$ ; which, when  $x = 2r$ , becomes  $= \frac{3 + 4r}{2}$

$\times 4r - 2a + 3q$ , the true Area of the whole Curve DAB.

Answer to the same by Mr. Cha. Hutton.

LET Q be the Cent. of the Semi-cir. DGB, and draw QG. Put  $r = DQ (= QG = QB)$ ,  $d = QP$ , and  $n = \frac{\text{the Semi-c. DGBD}}{AB}$

the Area DGPD. Then, it is evident that  $EC = \left( \frac{DGPD}{r} \right)$

$\times$  the Arc DG  $\pm \frac{1}{2} d n^{-1} \times G.C.$ , according as P is below or above Q.

Cor. 1. If P coincides with Q,  $d = 0$ , and then  $EC = \frac{1}{2} r n^{-1} \times DG$ .

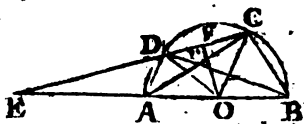
Cor. 2. If P coincides with B, then  $d = r$ , and  $EC = \frac{1}{2} r n^{-1} \times DG + G.C.$

Cor. 3. If P coincides with D,  $d = -r$ , and then  $EC = \frac{1}{2} r n^{-1} \times DG - G.C.$

This Quest. is likewise answered by Messrs. T. Barker, J. Brunton, J. Buddle, Pamphagus, Plus Minus, W. Sewell, T. Todd and S. Vincke.

The PRIZE-QUESTION answered by Mr. W. Wales.

CONSTRUC. From O, the Cent. of the circumscribing Semi-cir. draw the Radii OC, OD, making with each other an  $\angle =$  twice the Complement of that formed by the Diagonals at the Point of Intersection, and through O draw BE, meeting the Semi-circum. in B, A and the Right-line, joining the Points C, D, produced in E, so that AE may = the given intercepted Distance; then, join the Points B, C and A, D, and the Thing is done.



DEMON. Let the Diagonals AC, DB be drawn, intersecting each other in P. The  $\angle ACB$  ( $\angle PCB$ ), being in a Semi-circle, is a right-Angle; whence the  $\angle PBC$  is the Complement of the  $\angle P$ , = half the  $\angle DOC$  (Simp. Geom. 10. 3. 2d. Edit.).—The Method of Calculation, from this Construc. is extremely obvious and easy.

Construction to the same by Mr. Tho. Bosworth.

DESCRIBE the  $\triangle ECO$ , having the  $\angle C =$  the given  $\angle$  to be formed at the Interfec. of the Diagonals, the Side OC = half the given Side of the Trapez. and the Side OE = OC + the given Dist. to be intercepted, and with the Rad. OC describe a Semi-cir. meeting EO, produced in B, and cutting EC in D; join A, D, and B, C, and then will be formed the Trapez. required.—For, letting fall OF  $\perp$  DC and drawing the Diagonals, intersecting each other in P, it is evident (from the Properties of the Circle, &c.) that the  $\angle DBC = \angle FOC$ , and the  $\angle ACB = \angle OFC$  (being both right  $\angle$ s); wherefore the  $\angle CPB = \angle ECO$ , the given Angle, by Construc.

Exceedingly neat and concise Constructions to this Quest. have, also, been received from Messrs. T. Adams, J. Ainsworth, T. Barker, J. Bennett, D. Bolton, J. Buddle, R. Butler, J. Chapchast, W. Cole, J. Dalby, Nuja Dargnas, J. Davidson, W. Dixon, J. Dymond,

George, R. Gibbons, C. Hutton, E. Jones, L. Ker, Pamphagus, Plus Minus, J. Powle, R. Putman, Don Quixote, W. Rawle, J. Roper, W. Sewell, E. Smith, W. Smith and J. T. Bertram, S. Vince. — The Construc. by Mr. T. Moss (the Proposer) is very ingenious, and depends on a new Prop. of the Circle not yet publicly known.

The two Prizes of 12 and 8 Diaries, for the Solution of the Prime-Question, are fallen to the respective Lots of Mr. Wm Wales and Mr. Tho. Rosworth, who are desired to send to Stationers-Hall for them.

*New MATHEMATICAL QUESTIONS to be answered in the next Year's DIARY.*

I. QUESTION 582 by Mr. Geo. Lodge.

DIARIAN Sages, you will find, The Age and Fortune of a Fair,  
Whole Life is blameless, Heart sincere.  
From the \* Equations here subjoin'd,

$$\text{viz. } \begin{cases} x^2 y + \frac{\sqrt{x}}{y} = 16386, \\ x y^2 + \frac{x}{\sqrt{y}} = 1056; \end{cases} \quad \left\{ \begin{array}{l} \text{where } x \text{ represents the Num-} \\ \text{ber of } \text{£. 10 Notes that make} \\ \text{up the Fortune, and } y \text{ the} \\ \text{Square-Root of the Age of,} \\ \text{this amiable Fair-One.} \end{array} \right.$$

II. QUESTION 583 by Mr. Wm. Spicer.

A Heavy Body descending freely by the Force of Gravity on an Inclined Plane, whose Length is 400 Feet, descends 111 Feet of the said Length in the last Second; required the Altitude of the said Plane and the Time of Descent.

III. QUESTION 584 by Master J. Paty, at the Mathematical Academy, Bristol.

SUPPOSING a Cow to bring forth a She Calf at the Age of two Years, and then to continue yearly to do the same, and every one of her Brood to bring forth a She Calf at the Age of two Years and afterwards yearly, likewise; how many may spring from the old Cow and her Brood in 40 Years?

IV. QUESTION 585 by Mr. Jer. Ainsworth.

REQUIRED to find a Fraction such, that being taken from its Reciprocal the Remainder shall be a Square.

V. QUESTION 586 by Miss Ann Nicholls.

I Made Observation, last Spring, at two Places under the same Meridian, differing in Latitude  $4^\circ$ , and found the Sun to rise exactly at 5 o'Clock in the one and at 4 in the other, and that the Difference of his Meridian Altitude at the said Places, at the Times of Observation, was  $2^\circ$ ; the Latitude of each Place and the Days of Observation are required.

VI. QUESTION 587 by Mr. C. Smith.

A Designer, having Occasion to delineate in Perspective a longest Halt of an Ellipse coinciding with the horizontal Plane, desires to know the true Breadth of its Projection, when projected on a Perspective Plane touching (both it and its Vertical) the nearest End of the Transverse-Diameter, and making an Angle with the said Diameter of  $50^\circ$ ; the Distance of the Eye from the Perspective Plane being 100, the Transverse-Diameter 32.92 and the Semi-conjugate 11 Feet.

VII. QUESTION 588 by Mr. Jos. Dymond,

**G**IVEN the Right-line bisecting the vertical Angle of a plane Triangle, and terminating in its Base, and the Perpendiculars falling thereon (produced) from the Extremities of its Base; to determine, and construct, the Triangle.

VIII. QUESTION 589 by Pamphagus.

**G**IVEN the Base, one of its adjacent Angles, and the Line bisecting the vertical Angle of any plane Triangle; to determine the said Triangle.

IX. QUESTION 590 by Nujo Dargnas.

**T**O determine a Point, from which if Right-lines be drawn to the three angular Points of a given plane Triangle, the Sum of their Squares shall equal a given Space ( $a^2$ ), and if from the said Point Lines be drawn to the three Sides of the Triangle (produced if necessary) making given Angles therewith, the Rectangle contained under the Line drawn to one of the Sides and a given Line ( $b$ ) shall be equal to the Sum of the Rectangles under the other drawn Lines and given Lines ( $c, d$ ).

X. QUESTION 591 by Mr. Paul Sharp.

**R**EQUIRED the Area of the common Parabola, whose Abscissa is  $= 10$ , and Radius of Curvature, and the bounding Ordinate, equal to three Times a Tangent drawn from thence and terminating in its Axis produced.

XI. QUESTION 592 by Mr. J. Chipchase.

**T**HERE is a basin, in Form of a Semi-Globe, filled with Spring-Water and placed on horizontal Ground, and a Person can see a Piece of Money laid at the Bottom of it to the Distance of nine Feet from its Axis, when quite full; but, when filled to only half the whole Depth, he can see it no further than to the Distance of 6 Feet therefrom: Required the Height of the Person's Eye and the Diameter of the Basin.

XII. QUESTION 593 by Mr. J. Bennett.

**T**O determine the Nature of the Curve whose Tangent, terminated, every-where, by it and an indefinite Right-line CD, is a constant Quantity  $= 100$ ; also, to determine the Length of the Part thereof intercepted between its highest Point and that Point whose Height, above the said Line CD, is  $= 20$ .

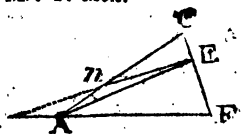
XIII. QUESTION 594 by Mr. S. Vince.

**T**O find the Sum of the infinite Series  $\frac{1}{1.5.v^3} + \frac{1}{1.2.3.7.v^7} +$

$\frac{1.3.3}{1.2.3.4.5.9.v^9} + \frac{1.3.3.5.5}{1.2.3.4.5.6.7.11.v^{11}} + \&c.$

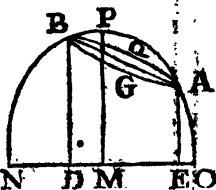
XIV. QUESTION 595 by Mr. T. Moſs.

**T**O draw a Right-line from the given Point R, in the Base FA produced, of the given Triangle ACF, intersecting AC in  $s$ , and meeting CF in E; so that, drawing the Right-line AE, the Triangle ASE may be the greatest possible.



## XV. QUESTION 596 by Mr. Cha. Hutton. \*

LET  $NU$  be the fixed and  $MP$  the semi-revolving Axis of any Spheroid,  $AGBQA$  any Section of it by a Plane inclined to the Axes, and  $NPO$  another Section through its Axes and perpendicular to the former Section: It is required to find the Figure of the Section  $AGB$  and the Solidity of the Part cut off the Spheroid by it, both in the Case of the oblong and oblate Spheroid, supposing the Distances  $DM$ ,  $ME$ , of the Perpendiculars  $BD$ ,  $AE$ , from the Center  $M$ , to be 5 and 12, and the Axes 50 and 30.



\* NOTE, This ingenious Gentleman intends to oblige the Publick, very soon, with a Treatise on Mensuration, both in Theory and Practice, to be published Monthly at 6d. a Number.

THE PRIZE-QUESTION, by Mr. Tho. Allen.—(Whoever answers it before Candlemas-Day, has a Chance for 12, and another for 8 Diaries.)

IF a Chain 40 Feet long, consisting of exceedingly small Links of equal Density, be put over a Pulley (void of Friction) with the two Ends  $A$  and  $B$  hanging down, to the respective Distances of 21 and 19 Feet from the Pulley, and in these Circumstances, suppose the Chain to put itself in Motion. It is required to determine in what Time the End  $A$  will arrive at an horizontal Plane 200 Feet below the Pulley.

NOTE, The Questions received from the ingenious Plus Minus and Mr. J. Powle, relating (it is thought) the Degree of Price, could not, either of them, be proposed as such, this Year, but shall be inserted, the two next ensuing Years, in that Place, according to the Order in which they come to hand.

\* All Contributors to this Diary are desired to send their Letters (Post paid) before the Beginning of May, directed to the Author, at Mr. George Hawkins's, at Stationers-Hall, London.

Prepared for the Press, and will (if the Author meets with suitable Encouragement) be printed with all convenient Speed, a select Number of new GEOMETRICAL PROBLEMS, with their CONSTRUCTIONS &c. and ALGEBRAICAL SOLUTIONS: Together with the GEOMETRICAL DEMONSTRATIONS of some new Properties of plane Figures.

By THOMAS MOSE.

The Work, as near as can be determined at present, will consist of about 16 Sheets.—The Price will be 4s. sewed, and 5s. bound in Calf. Those who are pleased to promote this Undertaking, are desired to signify it in a Line to the Author of the Ladies Diary.

No Money is required till the Delivery of the Book.

N. B. Those who subscribe for 6 Copies, will have a 7th gratis: And a List of the Subscribers Names will be prefixed.

\* A second Edition of the Author's GAUGING (with great Improvements) is in the Press, and will be published about Christmas next.

F I N I S.

THE  
INTRODUCTION;

Addressed to all my READERS, in the Praise of an honest, harmless, contented, Country Life, &c.

**H**APPY the Man, who his whole Time doth bound  
Within the Inclosure of his little Ground;  
Happy the Man, whom the same humble Place,  
Th' hereditary Cottage of his Race,  
From his first rising Infancy has known,  
And by Degrees sees gently bending down,  
With natural Propensions to that Earth,  
Which both preserv'd his Life, and gave him Birth,  
Him no false distant Light, by Fortune set,  
Could ever into foolish Wand'rings get.  
He never Dangers either saw or fear'd;  
The dreadful Storms at Sea he never heard;  
He never heard the shrill Alarm of War,  
Or the worst Noises of the Lawyer's Bar.  
No Change of Councils mark to him the Year;  
The Change of Seasons is his Calendar.  
The Cold and Heat Winter and Summer shows,  
Autumn by Fruit, and Spring by Flowers he knows.  
He measures Time by Land Marks, and has found  
For the whole Day the Dial on his Ground.  
A Neighbour-Wood-born with himself he fees,  
And loves his old contemporary Trees.  
Has only heard of famous London's Name,  
And knows it, like the Indies, but by Fame;  
Does with a like Concernment Notice take  
Of the Red Sea, or Spartan golden Lake.  
Thus Health and Strength to a third Age enjoys,  
And sees a long Posterity of Boys.  
About the spacious World let others roam,  
He finds most Health and Happiness at Home.

✍ All Persons that write unto me upon their own Business, especially on Points of Curiosity, wherein I can expect no Profit, are desired to pay the Postage of their Letters, or they will not be answered by their humble Servant, THOMAS WRIGHT, Eaton, Leicestershire. — June 16, 1667.

**I**T is necessary to be remembered, That by Virtue of an Act of Parliament made in the Year 1751, for Alteration of the Stile, the Beginning of the Year was changed from the 25th of March to the first Day of January. This Change took place on the first of January, 1752; and the Act enjoins and directs, That from and after that Time, every succeeding first Day of January, in every Year to come, shall be the first Day of every Year respectively; and that all Deeds and Writings, of what Nature and Kind soever, shall be dated accordingly.

In Consequence of the same Act of Parliament, the Use of the Julian Account or Old Stile, heretofore followed in this Country, ceased on the Second of September of the same Year, 1752; and by dropping or leaving out eleven nominal Days, and calling the next, which would have been the third, the fourteenth, the New Stile took place; and from thence, by the said Act, is directed to be used for all Time to come, in all his Majesty's Dominions subject to the Crown of Great-Britain. By this Alteration, the several Fixed or Immoveable Feasts, as they are ordered to be placed in the New Calendar upon the same nominal Days of the respective Months as they were placed upon in the Old, will come eleven Days earlier than they would otherwise have done, and thereby make all Things depending upon them, such as the Opening or Inclosing of common Fields and Pastures, the Holding of Fairs and Markets, the Payments of Rents and Annuities, and the Commencement or Extinction of many private Rights and Matters of Property, do the same: To prevent therefore any Inconvenience arising therefrom, the Act provides and directs, That the Opening or Inclosing of Pastures, the Payments of Rents, Annuities, and all other Things depending on the Fixed or Immoveable Feasts, shall not by this Means be accelerated or forwarded; but that the Days of Opening or Shutting such Pastures, of paying such Rents or Annuities, and of doing such other Matters and Things formerly to be done and performed on the said Feasts, shall be kept, Observed, and Performed on the same Natural Days of the Year on which the same Feasts would have fallen if this Act had not been made: For this Reason the fifth of April is called Old Lady's Day, and the 10th of October, Old Michaelmas-Day, and so of the rest, as being the respective Days on which all such Rents and Payments become due, such Rights take place, and such Matters and Things to be done, and not before. All that is here said relates to the several Things above-mentioned depending on Fixed or Immoveable Feasts; but all such as depend on Moveable Feasts, or Days depending on them, are to take place, and be reckoned according to the New Calendar, in Pursuance of an Act of Parliament of the Year 1752, for amending the former Act of the Year 1751.

N. B. That all Dates of Births, Deaths, or other remarkable Events in the Regal or Chronological Tables, prior to, or upon the Second of September, 1752, are to be understood according to the Julian Account, or Old Stile.

Lands surveyed, divided, and enclosed, and Maps of the same correctly delineated; and Timber and Polewood surveyed, valued, and sold, by VINCENT WING, of Piskworth, in the County of Rutland, and JAS WRIGHT, of Eaton, in the County of Leicester, Practis-  
the Mathematicks.



# A TABLE of Terms and Returns for the Year 1

Hilary Term begins January 23, ends February 22.

Returns or Effoigns Days.	Exc.	Ret.	Ap.	W
In eight Days of St. Hilary Jan. 20	21	22	23	Sat
From the Day of St. Hilary in 15 Days 27	28	29	30	Sat
On the Mor. of the Purif. of Bl. V. M. Feb. 1	4	5	6	Sat
In eight Days of the Purif. of the Bl. V. M. 9	10	11	12	Fri

Easter Term begins April 20, ends May 16.

From the Day of Easter in 15 Days April 17	18	19	20	We
From the Day of Easter in 3 Weeks 24	25	26	27	We
From the Day of Easter in 1 Month May 1	2	3	4	We
From the Day of Easter in 5 Weeks 8	9	10	11	We
On the Morrow of the Ascension 13	14	15	16	Mon

Trinity Term begins June 3, ends June 22.

On the Morrow of the Holy Trinity May 30	31	Ju. 1	2	Fri
In eight Days of the Holy Trinity June 5	6	7	8	We
From the Day of Holy Trin. in 15 Days 12	13	14	15	We
From the Day of Holy Trin. in 3 Weeks 19	20	21	22	We

Michaelmas Term begins Nov. 6, ends Nov. 23.

On the Morrow of All Souls Nov. 3	4	5	7	Wed
On the Morrow of St. Martin 12	13	14	15	Tue
In eight Days of St. Martin 18	19	20	21	Mon
From the Day of St. Martin in 15 Days 25	26	27	28	Mon

N. B. No Sittings in Westminster-Hall on Ascension-Day, Michaelmas-Day, and the Second Day of February.

The Exchequer opens eight Days before any Term begins, Trinity, before which it opens but four Days.

Note, That the first and last Days of every Term are the first and last Days of Appearance.

Common Notes for the Year 1768.

Golden Number 2	Shrove Sunday	Fe
Cycle of the Sun 13	Easter-Day	Apr
Dominical Letters C B	Rogation-Sunday	M
The Epact 11	Ascension-Day	M
Number of Direction	Whit-Sunday	M
Sundays after Epiphany 3	Sundays after Trinity	No
Septuagesima Sunday Jan. 31	Advent-Sunday	No

# JANUARY hath XXXI Days.

Carmina proveniunt animo deducta veredo,  
Nubila sunt subitis tempora nostra malis.

My aged trembling Hand scarce fit to write,  
My Genius clogg'd, not able to indite.  
I throw my Pen by, and my Paper tore,  
In Silence sat, resolv'd to write no more.

W D	Fasts and Festivals.	☉ pl.	☿ Signs.	☽ A.	☿ and sets	Aspects and Weather.
a	Circumcision.	11	arms	12	5 35	The Year begins
b	Day 7 hours 42	12	should.	13	6 44	with cloudy and
c	1 S. aft. Chr.	13	breast	14	7 37	dark air, pre-
d	minutes long.	14	hom.	15	8 28	ducing rain or
e	Old Chr. Day.	15	heart	16	5 42	now, which
f	Epiphany.	16	and	17	6 57	probably may
g	Lucian.	17	back	18	8 7	cont. for several
a	Day 8 h. long.	18	bowels	19	3 17	days.
b	Night 16 hours	19	belly	20	10 26	
c	1 S. aft. Epiph.	20	vent	21	11 33	winds clearing
d	Plough Mond.	21	and	22	Morn.	the air brings
e	Old N. Y. D.	22	loins	23	0 41	☿ ☉ ♄ sharp
f	Hilary.	23	secret	24	1 51	frost for some
g	Cambrid. and	24	memb.	25	3 2	days; but con-
a	Oxford Terms.	25	hips	26	4 13	tinues not long
b	Day breaks 46	26	and	27	5 19	without some
c	2 S. aft. Epiph.	27	thighs	28	6 47	notable ☿ ☽ ♀
d	Q. C. B. D. k.	28	knees	29	7 3	alteration to fin
e	minutes past 5.	29	hams	30	8 11	☿ ☽ ☽ or rain.
f	Fabian B. & M.	☿	legs	1	5 A 28	
g	Agnes V. & M.	1	ankles	2	6 59	
a	Vincent.	2	feet	3	8 20	mild weath. the
b	Term begins.	3	toes	4	9 45	season consider
c	3 S. aft. Epiph.	4	head	5	11 10	ed.
d	St Paul's Con.	5	face	6	Morn.	
e	Policarpus.	6	neck	7	0 34	brisk gales of
f	Day light ends.	7	throat	8	1 56	☿ ☽ ☽ wine
g	20 min. past 6.	8	arms	9	3 16	☿ ☽ ☽ end
a	Day 8 h. 40 m.	9	should.	10	4 27	open weather
	Ch. I. Mart.	10	breast	11	5 2	may conclude
	Sunday	11	and	12	6 6	the month

Moore. JANUARY, 1768.

The	3d Day at 4 in Morning	h	is with the Moon.
	12th Day at 6 in Morning	h	
	15th Day at 9 at Night	h	
	16th Day at 5 in Morning	h	
	18th Day at 7 in Morning	h	
	30th Day at 4 in Morning	h	

M.	Sun	Sun	Moon	Observations.
D.	rises.	sets.	South.	
1	8	9	3 55	Nihil difficilius quam de futuri
2	8	8	3 52	veritatem prædicere.
3	8	7	3 50	By the great Mercy of Almighty
4	8	7	3 50	Morn. Full Moon 4 Day at 5 Morn.
5	8	6	3 54	God we are arrived at a New Year, in
6	8	5	3 55	which Things of great Moment are ex
7	8	5	3 55	pected, but he is still in Gemini, and Re
8	8	4	3 56	trograde there, he in II, with Argol, de
9	8	3	3 57	animum maledicum at Invidum, &c
10	8	2	3 58	And if he be thus mischievous in eac
11	8	1	3 59	single Persons Geniture, what can we ex
12	8	0	4 0	pect from him in general Constitutions
13	7	59	4 1	Last Quart. 12 Day at 4 Morn.
14	7	58	4 2	The old leaves of murmuring wi
15	7	56	4 4	be visibly active among the Sons of
16	7	55	4 5	Discontent, and some Men will renounc
17	7	54	4 6	St. Paul rather than <del>be</del> <sup>be</sup> quiet.
18	7	52	4 8	Some Persons indeed will be found to
19	7	51	4 9	weep with the Weather, and ma
20	7	50	4 10	New Moon 19 Day at 6 Night
21	7	48	4 12	(consideratis considerandis) have as ju
22	7	47	4 13	Reason and pressing Causes for it; but th
23	7	45	4 15	amicable Rays of Fortune seems to re
24	7	44	4 16	tify some Disorders in the Body Politic
25	7	42	4 18	Oh! England couldst thou be qui
26	7	40	4 20	within thyself, thou wert the most fo
27	7	39	4 21	rtunate and happy Nation in the Work
28	7	37	4 23	First Quart. 26 Day at Noon.
29	7	35	4 25	
30	7	34	4 26	
31	7	32	4 28	

# FEBRUARY hant XXIX Days.

In silent Melancholy contemplate  
 Of Europe's Dangers, and unhappy Fate;  
 By strong and cunning Enemies have been  
 Fiercely assail'd without, and stabb'd within,  
 By Home-bred Foes, who're fond of Tyranny,  
 Of high Injustice, and of Cruelty.

W D	Fasts and Festivals.	☉ pl.	☿ Signs.	☽ A	☽ rises and sets	Affects and Weather.
1 d	St. Bridget.	12	stom.	12	6 29	* ♀ this
2 e	Purification.	13	heart	13	☽ rises.	month begins
3 f	Day breaks .	14	back	14	☼ A 43	with cloudy air,
4 g	5 hours 57 min.	15	bowels	16	6 54	but moderately
5 a	Agatha Sic. V.	16	and	17	8 3	temperate; soon
6 b	Procyon South	17	belly	18	9 11	♂ ♀ changes
7 C	Sexagesima S.	18	reins	19	10 20	to snow or rain.
8 d	58 minutes	19	loins	20	11 29	
9 e	past 9 at Night	20	secret.	21	Morn.	frosty mornings
10 f	Day encreased	21	mem.	22	0 39	☼ ☉ ♀ and
11 g	2 hours 1 min.	22	bladder	23	1 48	pleasant days
12 a	Term ends.	23	hips	24	2 57	☼ ♀ at, or
13 b	Old Candlemas	24	thighs	25	3 56	Valentine's Day
14 C	Shrove Sund.	25	hams	26	4 48	☉ ☉ ♀ about
15 d	Day light ends	26	knees	27	5 29	☼ ☉ ♀ ☼ ♀
16 e	Shr. Tuesday.	27	legs	28	5 59	time, and not
17 f	Ash Wednesd.	28	ankles	29	6 20	much alteration
18 g	at 7 at Night.	29	feet	N	☽ sets.	as yet.
19 a	twilight 1 h.	☿	toes	2	7 A 16	
20 b	57 minutes	1	head	3	8 45	snow or fleet
21 C	1 S. in Lent.	2	face	4	10 13	* ♂ ♀ with
22 d	Day breaks at	3	neck	5	11 59	various winterly
23 e	56 in Morn.	4	throat	6	Morn.	weather.
24 f	Ember Week.	5	arms	7	1 2	St. Matthias.
25 g	Clock too° fast	6	and	8	2 19	☼ ♀ winds
26 a	13 min. 30 sec.	7	should.	9	3 21	and serene air.
27 b		8	breast	10	4 7	with frosts, may
28 B	2 S. in Lent.	9	stom.	11	4 42	continue to the
	in. 3 h. 6 m.	10	heart	12	5 8	month's end.

# Moore. FEBRUARY, 1768.

The { 8th Day at 4 in Afternoon 4  
14th Day at 2 in Morning 8  
14th Day at Midnight 9  
18th Day at 9 in Morning 2  
26th Day at 1 in Afternoon 5 } is with the Moon.  
9 is a Morn. \* till 12th of Aug. then an Ev. \* to the End.

M D	Sun rises.	Sun sets.	Moon fourth.	Observations.
1	7 30	4 30	Morn.	Full Moon 2 Day at 9 Night.
2	7 29	4 31	0 3	
3	7 27	4 33	0 47	The fortunate Stars being direct
4	7 26	4 34	1 39	gives a flattering Hope, that Februar
5	7 24	4 36	2 9	may prove a kind Month both natu
6	7 22	4 38	2 50	rally and politically too; and $\Delta$ $\odot$ $\Delta$ en
7	7 20	4 40	3 33	liven's Men's Minds, and heighten
8	7 18	4 42	4 19	their Expectations after Peace and Qui
9	7 16	4 44	4 57	etness. Outinam. Let such Aspect
10	7 14	4 46	5 45	be always prevalent to our Nation.
11	7 12	4 48	6 57	Last Quart. 10 Day at Mid.
12	7 10	4 50	7 30	But the cross Configurations whic
13	7 9	4 51	8 25	concomitate that happy $\Delta$ are not eas
14	7 7	4 53	9 22	to be bribed. The Opposition of th
15	7 5	4 55	10 18	two Infortunes from $\Pi$ and $\uparrow$ will pro
16	7 3	4 57	11 14	duce their Effects; and I fear the
17	7 1	4 59	0 A 8	Abundance of Mischief is threatene
18	6 59	5 1	1 0	both at Sea and Land, occasioned partl
19	6 57	5 3	1 53	New Moon 18 Day 6 Morn.
20	6 55	5 5	2 46	by unseasonable Weather, or by Tre
21	6 53	5 7	3 40	cheries, Mutinies, Combustions, an
22	6 52	5 8	4 36	other immoderate Actions. Deus ave
23	6 50	5 10	5 34	rat Judicium. Many lying Intelli
24	6 48	5 12	6 32	gences and false Reports are rumoure
25	6 46	5 14	7 29	First Quart. 24 Day at 9 Night
26	6 44	5 16	8 23	about this Month, still Differences li
27	6 42	5 17	9 14	under Debate. May England continu
28	6 40	5 20	10 2	in Peace and Prosperity now and ever!
29	6 38	5 22	10 45	

# M A R C H hath XXXI Days

Damn the Oppressed, and revile the Cause  
Of those that stand for fundamental Laws ;  
Long we've been plagued with this Generation,  
Poison'd by Rome and Gold in every Nation.  
Sum up what seeing Men have long since heeded.  
In all their Actions how they have proceeded.

W D	Fasts and Festivals.	☉ pl.	D's Signs.	☾ A	☾ rises and sets	Aspects and Weather.
1 d	Dev. A. B. Mar.	11	back	13	5 28	winds and pro-
2 c	Chad. R. Litch.	12	bowels	14	5 48	bably somep
3 f	Day 10 hours	13	and	15	6 18	drises. storms of rain
4 g	52 min. long.	14	belly	16	7 A 1	or snow at or
5 a	Princes H. b.	15	reins	17	8 11	* ☉ ♂ about
6 B	3 S. in Lent.	16	and	18	9 19	the full moon.
7 c	Day increased	17	loins	19	10 28	serene air for the
8 d	3 hours 34 m.	18	secret	20	11 38	season ; overcast
9 e	Regulus south	19	memb.	21	Morn.	with showers of
10 f	at 11 at night	20	hips	22	0 47	rain, or snow,
11 g	Hydus heart	21	hams	23	1 49	and ☐ 24 ♂ fleet.
12 a	Gregory M. B.	22	and	24	2 43	
13 B	Midlent Sun.	23	hams	25	3 27	winds and serene
14 c	South near ro	24	knees	26	4 2	air till about the
15 d	Clocks too fast	25	legs	27	4 28	new moon, and
16 e	9 min. 13 sec.	26	angles	28	4 51	☐ ☉ ♀ them
17 f	St. Patrick	27	feet	29	5 10	Δ 24 ♀ alters
18 g	Ed. K. of W.S.	28	toes	30	6 18	☾ sets. to cloudy and
19 a	Prs. Louis. A. b.	29	heart	1	7 A 47	various weather
20 B	5 S. in Lent.	30	face	2	9 18	for some days ;
21 c	Benedictus	31	neck	3	10 48	but now good
22 d	Duration of	2	throat	4	5 Morn	weather for the
23 e	twilight 2 h.	3	arms	5	6 8	seeds time may
24 f	clock too fast.	4	should.	6	7 17	be expected,
25 g	Lady-day, D.	5	breast	7	8 11	some fruitful
26 a	of Yorkborn.	6	stom.	8	9 2	showers to the
27 B	Palm Sunday.	7	heart	9	10 3	end.
28 c	5 min. 43 sec.	8	and	10	11 3	42 ☉ ♂
29 d	Regulus South	9	back	11	12 3	59
30 e	20 past 9.	10	bowels.	12	13 4	35
31 f	Maund. Th.	11	belly	13	14 4	30

# Moore. MARCH, 1769.

The	6th Day at 7 at Night	24	} is with the Moon.
	14th Day at 3 in Morning	8	
	15th Day at 10 at Night	9	
	19th Day at 6 at Night	8	
	24th Day at 6 Afternoon	6	

M D	Sun rises.	Sun sets.	Moon's South.	Observations.
1	6 36	5 24	10 44	Hopeful News, or Intelligence, ar
2	6 34	5 26	21 28	
3	6 32	5 28	Morn.	Full Moon 3d Day 2 After.
4	6 30	5 30	0 9	
5	6 28	5 32	0 30	gives now, or was this Year, which
6	6 26	5 34	1 31	may conduce to the Advantage of ou
7	6 24	5 36	2 13	whole Nation; and we live in dai
8	6 22	5 38	2 56	Expectation of a better Understanding
9	6 20	5 40	3 43	of the Intentions and Designs of th
10	6 18	5 42	4 32	most great and active Spirits of Europe
11	6 16	5 44	5 24	Last Quart. 11th Day 6 Night.
12	6 14	5 46	6 13	who hitherto have very much conceale
13	6 12	5 48	7 13	their Resolutions; we say, there i
14	6 10	5 50	8 8	greater Hopes of Unity in Councils an
15	6 8	5 52	9 2	Consultations, both at Home an
16	6 6	5 54	9 55	Abroad, especially about the former Par
17	6 4	5 56	10 48	of this Month. God continue it!
18	6 2	5 58	11 39	New Moon 18th Day at 4 Aft.
19	6 0	6 0	0 A 39	But there is a Square of Jupiter an
20	5 58	6 2	1 35	Mars, and another of the Sun, and Sa
21	5 56	6 4	2 30	turn, near the Ingress, which, accordin
22	5 54	6 6	3 30	to Italy, "significat quod Reges hab
23	5 52	6 8	4 30	"bunt Adversarios, &c." Such
24	5 50	6 10	5 29	Square-code, Oppositions and Contra
25	5 48	6 12	6 25	First Quart. 25th Day 4 Morn.
26	5 46	6 14	7 18	ditions to Kings, Princes, and Ma
27	5 44	6 16	8 7	gistrates; and the meaner Men will b
28	5 42	6 18	8 52	ready to dislike the Actions of their Su
29	5 40	6 20	9 35	periors; and also to disse among them
30	5 38	6 22	10 16	selves, &c.
31	5 36	6 24	10 52	

# A P R I L hath XXX Days.

What they have been, what at this Time they are;  
 What they may be before they are aware;  
 What they design, in what Paths they are going;  
 What they have done, what they are daily doing;  
 May Labyrinths involve them, and Confusions  
 Inclose them round, we know not what Conclusions.

M	W	Fasts and Festivals.	☉ D's pl Signs.	D A	D rises and sets	Aspects and Weather.
1	g	Good Friday.	12 reins	R	D rises.	As March ended
2	a	Clock too fast	13 and	16	7	60 April begins
3	B	Easter Sund.	14 loins	17	7 49	* ♂ ♀
4	c	Easter Mond.	15 secret	18	9	2 with showers.
5	d	Easter Tues.	16 memb.	19	10	19 Old Lady Day.
6	e	Regulus south	17 hips	20	11	41 8 ☉ ♃ but soon
7	f	30 minutes past	18 and	21	Morn.	alters to brisk
8	g	11 at night	19 thighs.	22	0	40 winds, bringing
9	a	Day breaks 6	20 hams	23	1	36 clear days, and
0	B	Low-Sunday.	21 knees	24	2	22 some thunder
1	c	minutes past 3	22 legs	25	2	49 showers in some
2	d	Twilight ends	23 ancles	26	3	10 places.
3	e	56 min. past 8	24 feet	27	3	31 Serene and plea-
4	f	Clocks with ☉	25 toes	28	3	47 sant days, with
5	g	Day 13 h. 48.	26 head	29	4	0 cold nights.
6	a	m. long.	27 face	N	D sets.	Now cool and
7	B	2 Sun. aft. Ea.	28 neck	1	9	0 * ☉ ♃ cloudy,
8	c	Elutherius	29 throat	2	9	49 ☐ ♃ ♀ with
9	d	Day breaks 40	29 arms	3	10	38 showers of rain
0	e	Term begins.	8 should.	4	11	31 or hail; and
1	f	minutes past 2	2 breast	5	11	50 perhaps some
2	g	Day 14 h. 8 m.	3 stom.	6	Morn.	claps of thunder,
3	a	St. George.	4 heart	7	0	9 fruitful showers,
4	B	3 Sun. aft. Ea.	5 and	8	0	25 and sun-shiny
5	c	St. Mark.	6 back	9	0	41 days, good and
6	d	Clocks too slow	7 bowels	10	1	10 seasonable weat.
7	e	Walburga	8 belly	11	1	38 to the month's
8	f	2 min. 40 sec.	9 reins	12	1	56 end.
9	g	Day increased	10 and	13	2	19
0	a	7 hours 2 min.	11 loins	14	2	53



# Moore. A P R I L, 1768.

The	2d Day at 6 Night	24	} is with the Moon
	11th Day at 11 at Night	8	
	14th Day at 8 at Night	9	
	15th Day at 3 Afternoon	8	
	21st Day at 6 in Morn.	5	
	29th Day at 8 Afternoon	21	

M D	Sun rises.	Sun sets.	Moon's South.	Observations.
1	5 34	6 26	11 38	April is like to prove an active, an
2	5 32	6 28	Morn.	Full Moon 2 Day at 8 Morn.
3	5 30	6 30	0 19	Inundry respects a violent Month, many Quarrells and Controversies about the Thing called Honour, and likewise many serious and long-winded Debates will take up the Counsels of the more generous Spirits of Europe, for the Configurations of this and the last Month
4	5 28	6 32	1 2	
5	5 26	6 34	1 47	
6	5 25	6 35	2 36	
7	5 23	6 37	3 28	
8	5 21	6 39	4 23	
9	5 19	6 41	5 13	Last Quart. 10 Day at 10 Morn
10	5 17	6 43	6 6	
11	5 15	6 45	6 59	will afford plentiful Matter to work upon.
12	5 13	6 47	7 50	Various Reports arrive from different Parts of Europe. Several Missive Agents, or Ambassadors, now or near this Time, from some of the Princes.
13	5 11	6 49	8 42	
14	5 9	6 51	9 33	
15	5 7	6 53	10 26	
16	5 5	6 55	11 20	
17	5 3	6 57	0 A 20	New Moon 17 Day at 1 Morn
18	5 2	6 58	1 20	Europe, appear with their Addresses. the King of Great Britain. The more Christian King carries on his Affairs with much Grandeur, and no less Secrecy, and something suspects (not without Cause perhaps) the Reality of some of his Confederates.
19	5 0	7 0	2 22	
20	4 58	7 2	3 22	
21	4 56	7 4	4 21	
22	4 54	7 6	4 28	
23	4 52	7 8	5 19	First Quart. 23 Day at 9 Night
24	4 51	7 9	6 57	The wary Hollander reasonably well satisfied for a Time. The Spaniards afflicted with Sickness, and other calamities. The Emperor is still active and much Diffentions among the principal Men of some Nations.
25	4 49	7 11	6 41	
26	4 47	7 13	7 23	
27	4 45	7 15	8 3	
28	4 44	7 16	9 47	
29	4 42	7 18	10 24	
30	4 40	7 20	11 7	

# M A Y hath XXXI Days.

y follow, so that we need not fear  
 eir Power as Foes, nor for their Friendship care;  
 th new Wine our old Bottle must be fill'd,  
 dangering Wine and Bottles to be spill'd;  
 less Men at each Helm wise Council take,  
 Men devoted for their Country's Sake.

Fasts and Festivals.	☉ Pl.	D's Signs.	D A.	D rises and sets.	Aspects and Weather.
4 S. aft. East.	12	secret	F	D rises.	S. Ph. and Jam.
Spica Virginis.	13	memb.	10	8 40	8 24 8 24 8
Invent. Crucis.	14	bladd.	17	9 45	6 8 8 wind
South 15 m. past	14	hips	18	10 46	and showers be-
10 at night.	15	thighs	19	11 35	gin the month.
Day 14 h. 58	16	hams	20	Morn.	cloudy and un-
minutes long.	17	knees	21	0 13	Δ ½ 8 settled
Rogat. Sund.	18	legs	22	0 44	air for some days
Day increased	19	and	23	1 8	curious fine and
7 hours 40 m.	20	ankles	24	1 28	pleasant weath.
Marmertic.	21	feet	25	1 46	with night dews.
Ascens. Day.	22	toes	26	2 4	Old May Day.
Arcturus south	23	head	27	2 22	
42 min. past	24	face	28	2 44	an healthful air,
6 S. aft. East.	25	neck	29	3 9	intermixed with
Term ends.	25	throat	N	D sets.	showers * 8 8
10 at Night.	26	arms	2	9 A 43	and brisk gales
Bernard transf.	27	thoult.	3	10 47	of wind.
Q. Ch. B. D.	28	breast.	4	11 27	
Day 15 h. 37	29	stom.	5	11 56	gentle breezes
minutes long.	II	heart	6	Morn.	of wind, and
Whit-Sunday.	1	back	7	0 18	mostly fair plea-
Whit-Monday.	2	bowels.	8	0 36	sant weath. still
Whit-Tuesday.	3	and	9	0 50	continues clou-
amber Week.	4	belly	10	1 4	dy, and inclined
1. slow 3' 22".	5	reins	11	1 18	* 8 8 to storms
real night,	6	loins	12	1 32	of hail or rain.
at all twilight.	7	secret	13	1 49	
rin. Sunday.	8	memb.	14	2 10	K. Ch. II. born.
ay increased	9	bladd.	15	2 38	seasonable weat.
hours 10 m.	10	hips	F	D rises.	at month's end.

Moore. M A Y, 1768.

The 18 Day, at 7 Aftern.	Mars	} is with the Moon
The 14 Day, at 3 Aftern.	Venus	
The 14 Day, at 8 Night,	Mercury	
The 18 Day, at 9 Night.	Saturn	
The 26 Day, at 10 Night	Jupiter	

M	Sun	Sun	Moon's	Observations.
Driles.	sets.		South.	
14	38	7	22	11 53 Full Moon 2 Day, at 1 Morning.
24	36	7	24	Morn.
34	34	7	26	0 40
44	33	7	27	1 30
54	31	7	29	2 32
64	29	7	31	3 15
74	28	7	32	4 7
84	26	7	34	4 59
94	24	7	36	5 50
104	23	7	37	6 40
114	21	7	39	7 28
124	20	7	40	8 18
134	19	7	41	9 9
144	17	7	43	10 3
154	16	7	44	11 2
164	15	7	45	0 A 6 New Moon 16 Day, at 8 Morning.
174	13	7	47	1 8
184	12	7	48	2 9
194	10	7	50	3 9
204	9	7	51	4 3
214	8	7	52	4 52
224	7	7	53	5 58
234	5	7	55	6 31
244	4	7	56	7 2
254	3	7	57	7 42
264	2	7	58	8 23
274	1	7	59	9 5
284	0	8	0	9 48
293	59	8	1	10 34
303	58	8	2	11 24
313	57	8	3	Morn. Full Moon 31 Day, at 3 Afternoon.

# JUNE hath XXX Days.

With new Cloth our old Garments patcht must be,  
Whereby the Rents made wider ye shall see;  
Till ev'ry old Rag be worn out, and then  
The Robe so rent shall be renew'd again;  
And they that own it, be secured more,  
And much more dignify'd, than heretofore.

M D	W D	Fasts and Festivals.	☉ pl.	D's Signs.	D ag	D rises & sets.	Aspects and Weather.
1	a	Day 16 hours	11	thighs	17	9 30	
2	f	8 min. long.	12	knees	18	10 2	Fine pleasant
3	g	St. Cloilde.	13	and	19	10 45	☿ ☽ ♀ Δ ♄ ☿
4	a	K. Geo. III. b.	14	hams	20	11 11	♂ ☽ ♀ Air, with
5	B	1 S. aft. Trin.	15	legs	21	11 31	brisk Winds, and
6	c	Altair South	16	ankles	22	11 51	mostly warm.
7	d	40 min. past	17	feet	23	Morn.	Some gentle
8	e	1 morning.	18	toes	24	0 7	Rains, or Hail,
9	f	Cot m. So. 41	19	head	25	0 24	with flying Clouds
10	g	Prs. Amelia b.	20	face	26	0 42	Cool, windy, and
11	a	St. Barnabas.	21	neck	27	1 4	cloudy, with gen
12	B	2 S. aft. Trin.	22	throat	28	1 34	tle Show, of Rain.
13	c	m. past 11 ni.	23	arms	29	2 13	♂ ♀ ☽ or Hail,
14	d	Lyra So. at 45	24	should	N	D sets.	at or about the
15	e	Clocks go true	25	breast	1	9 A 15	New Moon.
16	f	with the Sun.	26	stomac	2	9 51	Fine Sunshiny.
17	g	St. Alb. Mart.	27	heart	3	10 15	and pleasant
18	a	m. past 1 mo.	28	and	4	10 34	Δ ♄ ☽ Weather,
19	B	3 S. aft. Trin.	29	back	5	10 50	but not very hot.
20	c	Day in. 8h. 52	29	bowels	6	11 4	Cloudy and warm.
21	d	Longest Day is	30	belly	7	11 19	intermixed with
22	e	Term ends.	1	reins	8	11 33	pleasant Showers
23	f	16 h. 26 m.	2	loins	9	11 50	at dif. Intervals.
24	g	St. John Bapt.	3	secret	10	Morn.	Fine and pleasant
25	a	Altair South	4	memb.	11	0 9	Days, but follow
26	B	4 S. aft. Trin.	5	bladd.	12	0 32	ed with flying Cl.
27	c	14 min. past	6	hips	13	1 4	☿ ☽ ♀ with Hail.
28	d	1 in morning.	7	thighs	14	1 40	♂ ☽ ♀ Thunder,
29	e	St. Pet. & Paul.	8	knees	15	2 39	☿ ♀ ☽ and Rain.
30	f	Cloc. too slow.	9	hams	16	D rises.	at the End.

Moore. JUNE, 1768.

The 8 Day, at 16 Morn. Mars  
 The 14 Day, at 11 Morn. Venus  
 The 15 Day, at 9 Night, Mercury  
 The 16 Day, at 1 Aftern. Saturn  
 The 23 Day, at 4 Morn. Jupiter

} is with the Moon

M/Sun  
D rises, sets, South.

Observations.

1	3	56	8	4	1	9	Many are the Configurations of the Planet
2	3	55	8	5	2	2	this month, whence divers Overtures in mun-
3	3	55	8	5	1	55	dane Affairs may be expected; for we expect
4	3	54	8	6	3	46	many Negotiations designed to compose the
5	3	53	8	7	4	35	present Differences, not as yet concluded: but
6	3	52	8	8	5	23	those employed seem to enter upon the World
7	3	51	8	9	6	11	with Fear and Trembling. There will be
8	3	50	8	10	7	0	Last Quarter 8 Day, at 1 Morning.
9	3	50	8	10	7	51	
10	3	49	8	11	8	45	much juggling and many Fallacies among Men
11	3	49	8	12	9	42	there will be many Murders, Robberies, o
12	3	49	8	12	11	43	Stealing of Goods, both from Rich and Poor
13	3	48	8	12	11	45	We hope still for the best; England receive
14	3	48	8	12	0	48	New Moon 14 Day, at 5 Afternoon
15	3	48	8	12	1	45	
16	3	48	8	12	2	37	good Intelligence from foreign Parts: his Ma-
17	3	48	8	12	3	25	esty's Allies of Great Britain seem in a bet-
18	3	47	8	13	4	10	ter Posture of Complaisance than formerly, not
19	3	47	8	13	4	52	withstanding all contrary Reports. Grea
20	3	47	8	13	5	33	Things are now in Agitation, greater in Ex-
21	3	47	8	13	6	14	pectation, and very great will be the Result
22	3	47	8	13	6	55	First Quarter 22 Day, at 4 Morning
23	3	47	8	13	7	38	
24	3	47	8	13	8	22	Religion is much upon the Anvil, and man-
25	3	48	8	12	9	11	Vulcans are hammering it according to thei
26	3	48	8	12	10	3	Interests.
27	3	48	8	12	10	57	
28	3	49	8	11	11	51	
29	3	49	8	11	Morn.		
30	3	50	3	10	0	44	Full Moon 30 Day, at 4 Morning.

# JULY hath XXXI Days.

Losses are sometimes made a gainful Prize;  
 By Overlights Men grow to be more wise:  
 And they that know not yet, what may concern  
 Their Welfare, will perhaps more Wisdom learn,  
 When he approacheth to ascend the Throne,  
 Who will unite all Kingdoms into one.

M	W	Fairs and Festivals.	☉	D's Signs.	D	D	rises & sets.	Aspects and Weather.
D	D		pl.		ag			
1	g	St. Martial.	10	egs	17	9 A	9	Fine and plea-
2	a	Visit. B. V. M.	11	and	18	9	33	sant, but soon
3	B	5 S. aft. Trin.	12	angles	19	9	51	changes to Rain
4	c	Trans. S. Mary	13	feet	20	10	9	and Wind at dif-
5	d	O. Midsum. D.	14	toes	21	10	26	ferent Times.
6	e	Day decreased	15	head	22	10	43	☐ ☉ 2 Gales of
7	f	Tho. Becket.	16	face	23	11	4	Wind and hasty
8	g	14 minutes.	17	neck	24	11	50	♂ ♀ Storms
9	a	Lyra South.	18	throat	25	Morn.		♂ ♀ ♂ ♀
10	B	6 S. aft. Trin.	19	arms	26	0	4	* 2 ♂ of Rain
11	c	8 minutes past	20	thoul.	27	0	49	or Hail, with
12	d	12 at midnight.	21	breast	28	1	47	Thunder and
13	e	Day 15 hours	21	and	29	2	58	Lightning near
14	f	58 min. long.	22	stoma.	N	D	sets.	the New Moon.
15	g	St. Swithin.	23	heart	2	8 A	34	☐ 2 ♀
16	a	Night 8 hours	24	back	3	8	51	Showery Wea-
17	B	7 S. aft. Trin.	25	bowels	4	9	7	☐ ♂ ♀ ther still
18	c	4 min. long.	26	belly	5	9	21	continues.
19	d	Watches too	27	reins	6	9	36	More favour-
20	e	Margaret VM.	28	and	7	9	51	able and serene
21	f	fast 5 m. 49 sec.	29	loins	8	10	9	Air.
22	g	Q. of Denm. b.	30	seeret	9	10	31	St. Mary Magd.
23	a	Day decreased	1	memb	10	10	58	Now make your
24	B	8 S. aft. Trin.	2	hips	11	11	35	Hay this pleasant
25	c	St. James.	3	and	12	Morn.		Weather; It may
26	d	St Anne. MBV	4	thighs	13	0	25	hold several Days
27	e	58 minutes.	5	hams	14	1	25	together.
28	f	Altair So. 25	6	knees	15	2	56	Moderate Rains,
29	g	min. past 11.	7	legs	16	D	rises.	with flying
30	a	Dog Days beg.	8	angles	17	7 A	54	Clouds, Fair and
31	B	1 S. aft. Trin.	9	feet	18	8	15	hot at the End.

Moore. JULY, 1768.

The 6 Day, at 10 Night, Mars  
 The 13 Day, at 3 Morn. Saturn  
 The 13 Day, at 10 Morn. Venus  
 The 16 Day, at 5 Morn. Mercury  
 The 20 Day, at 4 Aftern. Jupiter

} is with the Moon

M	Sun	Sun	Moon's		Observations.
D	rises.	sets.	South.		
1	3 50	8 10	1	36	This Month is ushered in with male As-
2	3 51	8 9	2	26	psects, or at least under the Government of
3	3 51	8 9	3	13	male Aspects. The Judgments of Men in
4	3 52	8 8	4	3	Authority are divided, nothing at all concur-
5	3 52	8 8	4	54	ring in Unity among themselves, which gives
6	3 53	8 7	5	31	Occasion of evil Rumours dispersed on purpose
7	3 53	8 7	6	37	to affront the Actions of this present Time,
8	3 54	8 6	7	23	Last Quarter 7 Day, at 7 Morning.
9	3 55	8 5	8	25	and invite People's Tongues to upbraid their
10	3 56	8 4	9	26	Superiors with unbecoming Language, and to
11	3 57	8 3	10	26	censure Matters above their Capacity.
12	3 58	8 2	11	25	The Opposition of Jupiter and Mars in
13	3 59	8 1	0	21	cardinal Signs manifest superlative Actions and
14	4 0	8 0	1	31	
15	4 1	7 59	2	58	New Moon 14 Day, at 2 Morning.
16	4 2	7 58	3	42	Councils, Accusations, Informations, Impeach-
17	4 3	7 57	3	23	ments against many in Authority of every
18	4 4	7 56	4	5	Quality, whether Churchmen, Gownmen,
19	4 5	7 55	4	47	Preadurers, Accomptants, Officers in any
20	4 6	7 54	5	29	Trust. Many of those who shall be found
21	4 8	7 52	6	19	
22	4 9	7 51	7	0	First Quarter 21 Day, at 5 Night.
23	4 10	7 50	7	50	guilty, will suffer Imprisonment, Loss of Estate,
24	4 12	7 48	8	42	or Banishment. <i>Darimentum, patientur omne</i>
25	4 13	7 47	9	32	<i>quid est, neque</i> they are like to lose all they have.
26	4 15	7 45	10	25	Many of these Actions will appear in France,
27	4 16	7 44	11	24	Germany, England, and other Countries near
28	4 18	7 42	Morn.		England.
29	4 19	7 41	0	17	
30	4 21	7 39	1	9	Full Moon 29 Day, at 2 Afternoon.
31	4 22	7 38	1	50	

# AUGUST hath XXXI Days.

Nature her Gifts insensibly bestows ;  
 Her Influence she distils on all that grows.  
 Stars move by various Motions thro' twelve Signs ;  
 Sometimes in Sextiles, Squares, sometimes in Trines ;  
 Sometimes conjoin'd, sometimes oppos'd they be ;  
 When they do love or hate, then so do we.

	W D	Fasts and Festivals.	☉ pl.	D's Signs.	D ag	D rises & sets.	Aspects and Weather.
1	c	Lammas Day	10	toes	19	3 +	Brief Gales of
2	d	Lyræ South	11	head	20	8 9	Wind, seasonable
3	c	28 minutes	12	face	21	9 10	Weather, glad-
4	f	past 8 at Night	12	neck	22	9 34	dening the Har-
5	g	Day decreased	13	and	23	10 7	vest-man's Heart.
6	a	Transfigurat.	14	throat	24	10 46	Now expect some
7	B	10 S. aft. Trin.	15	arms	25	11 39	☉ ☿ Showers
8	c	1 hour 35 min.	16	shoul.	26	Morn. 6 8 8	☿ ☽ of Rain,
9	d	Clocks too fast	17	breast	27	9 44	with Thunder
10	e	St. Lawrence	18	stoma.	28	1 38	* ☉ ☿ and
11	f	Prs. Brunsw. b	19	heart	29	3 16	Lightning at br
12	g	Pr. of Wales b	20	back	N	D sets.	near the New
13	a	4 min. 25 sec.	21	bowels	2	7 15	☉ ☽ Moon.
14	B	11 S. aft. Trin.	22	and	3	7 50	Good Weather
15	c	Affum. B.V.M.	23	belly	4	7 46	may be at this
16	d	Marchab Sou.	24	reins	5	7 59	Pr. Fred. born.
17	e	56 minutes	25	loins	6	8 18	Time expected.
18	f	past Midnight.	26	secret	7	8 37	Clouds bringing
19	g	Cloc. and Wat.	27	memb.	8	9 2	some small
20	a	too fast 2 min.	28	blad.	9	9 35	Showers, Then
21	B	12 S. aft. Trin.	29	hips	10	10 17	Pr. Wm. Hen. 10.
22	c	Day 14h. 6m.	30	thighs	11	11 12	ruffling Winds.
23	d	Day decreased	1	knees	12	Morn. 12	Fair and dry.
24	e	St. Bartholom.	2	and	13	0 17	may continue
25	f	2 hours 26 m.	3	hams	14	1 13	for some Days.
26	g	Day breaks	4	legs	15	2 55	☿ ☽ ☿ Some sm.
27	a	50 min. past 2.	5	ankles	N	D rises.	coasting Showers
28	B	13 S. aft. Trin.	6	feet	17	6 41	now about Winds
29	c	Dec. John Bap.	7	toes	18	7	clearing the Air
30	d	Duration of	8	head	19	7 19	* ☿ ☽ to the
		Twil. 2h. 14m.	8	face	20	7 45	☿ ☽ End.



# Moore. AUGUST, 1768.

The 4 Day, at 9 Morn. Mars  
 The 9 Day, at 4 Aftern. Saturn  
 The 12 Day, at 1 Morn. Mercury } is with the Moon.  
 The 12 Day, at 1 Aftern. Venus  
 The 17 Day, at 8 Morn. Jupiter

M D	Sun rises.	Sun sets.	Moon's South.	Observations.		
1	4	24	2	36	48	The blustering Actions of the last seem not
2	4	25	7	35	3	39 fully perfected in this Month. We find <i>Modi</i>
3	4	27	7	33	4	32 <i>videmus negotiorum cum tremore atque timore,</i>
4	4	28	7	32	5	26 we perceive many Negotiations designed at
5	4	30	7	30	6	22 Last Quarter 5 Day, at 9 Morning.
6	4	32	7	28	7	20 compose the present Differences, not as yet con-
7	4	33	7	27	8	18 cluded; but they seem; <i>vid.</i> those employed,
8	4	35	7	25	9	16 to come to the Work with Fear and Trem-
9	4	36	7	24	10	11 bling. Sudden Hopes, as sudden Alterations;
10	4	38	7	22	11	3 high Disputes, violent Controversies, managed
11	4	40	7	20	11	53
12	4	42	7	18	0	A 47 New Moon 12 Day, at 1 Afternoon
13	4	43	7	17	1	21
14	4	45	7	15	2	4 with strong Arguments. Articles, and who
15	4	47	7	13	4	45 can be devised by the Subtily of sharpest Fan-
16	4	49	7	11	3	27 cies, called in question, perused; and considered.
17	4	50	7	10	4	11 But great Hopes we have, that those Plani-
18	4	52	7	8	4	57 tations belonging to his Majesty of Great Bri-
19	4	54	7	6	5	45 <i>tain, viz.</i> those in the <i>West Indies</i> , whether in
20	4	56	7	4	6	36 First Quarter 20 Day, at 2 Afternoon
21	4	58	7	2	7	28
22	5	0	7	9	8	21 Islands or upon the Continent, are in good Or-
23	5	16	59	9	15	15 der; and there appears great Hopes of Unity
24	5	36	57	10	9	9 and Concord among the Planters, under the
25	5	56	55	11	1	1 Conduct of their prudent Governors; and
26	5	76	53	12	52	there seems to be good Returns of the Mer-
27	5	98	51	0	43	Morn. Full Moon 27 Day, at Midnight.
28	5	106	50	1	35	35 chants Ships towards the latter Part of the
29	5	126	48	2	29	29 Month.
30	5	146	46	3	24	
31	5	166	44	3	24	

# SEPTEMBER hath XXX Days.

The Planets shift their Place ; it is not strange,  
If in the World there be a wondrous Change.

There are a Sort of Men that villify,  
Speak, write, like Fools, against Astrology :  
Shall I forespeak such men? It is their Luck,  
If they persist, they will be Planet-struck.

W D	Fasts and Festivals.]	☉ pl.	D's Signs.	D ag	D rises & sets.	Aspects and Weather.
f	Giles Abbot.	9	neck	21	8 A 15	* ♀ Windy,
g	Lon. bur. O. S.	10	throat	22	9. 20	with Showers.
a	Cl. too slow 1	11	arms	23	9 52	Winds clearing
B	14 S. aft. Trin.	12	shoul.	24	10 44	the Air, and ge-
c	Day 13 hours	13	breast	25	11 55	nerally good
d	8 min. long.	14	stoma.	26	Morn.	Weather for the
e	Dog Days end.	15	heart	27	1 10	latter Harvest.
f	K. Geo. III.	16	and	28	2 26	* ☉ ♀ Cold
g	married.	17	back	29	3 41	and cloudy, with
a	Daylight ends	18	bowels	N	D sets.	some small Show.
B	15 S. aft. Trin.	19	belly	1	6 A 5	Ruffling Winds,
c	24 min. past 8.	20	reins	2	6 14	and mostly fair.
d	Pole Star Sou.	21	and	3	6 32	* ♀ ☉ Mode-
e	Holy Cross D.	22	loins	4	6 51	rate Weather for
f	Nicomede.	23	secret	5	7 16	some Days.
g	at 1 in morn.	24	memb.	6	7 45	Seasonable Wea-
a	Lambert.	25	hips	7	8 22	ther still conti-
B	16 S. aft. Trin.	26	thighs	8	9 11	☉ ☉ ♀ nues.
c	Day breaks at	27	hams	9	10 10	Windy, with some
d	52 min. past 3.	28	and	10	11 19	Showers of Rain
e	St. Matthew.	29	knees	11	Morn.	or Hail.
f	K. G. III. cro.	☿	legs	12	0 36	Ember Week.
g	Duration of	1	ankles	13	1 55	Fair and dry, and
a	Twil. 3 hours.	2	feet	14	3 18	perhaps cold for
B	17 S. aft. Trin.	3	toes .	15	4 44	the Season.
c	St. Cyprian.	4	head	16	D rises.	Clouds bringing
d	Pole Star Sou.	5	face	17	5 57	☉ ♀ Showers
e	30 min. past Mid.	6	neck	18	6 23	of Rain or Hail.
f	St. Michael.	7	throat	19	6 59	Cloudy to the
g	St. Jerome Pr.	8	arms	20	8 48	☉ ♀ End.

# Moore. SEPTEMBER, 1768.

The 1 Day, at 4 Morn.	Mars	} is with the Moon
The 6 Day, at 6 Morn.	Saturn	
The 10 Day, at 1 Aftern.	Mercury	
The 11 Day, at 8 Night,	Venus	
The 14 Day, at 2 Morn.	Jupiter	
The 28 Day, at 9 Night,	Mars	

M D	Sun rises.	Sun sets.	Moon's South.	Observations.
1	5 18	6 42	4 20	Many People precipitate themselves into
2	5 20	6 40	5 19	Mischief by Luxury and Extravagant Courses.
3	5 22	6 38	6 18	Last Quarter 3 Day, at 3 Afternoon
4	5 24	6 36	7 17	The <i>Spanish</i> Affairs begin to amend, both in Council, Action, and Assistance from Allies. The <i>French</i> Monarch not so active as formerly, endeavouring to obtain Assistance of Men and Ships from his Confederates. Differences are like to arise betwixt <i>France</i> and
5	5 26	6 34	8 13	
6	5 28	6 32	9 6	
7	5 30	6 30	9 55	
8	5 32	6 28	10 40	
9	5 34	6 26	11 24	ferences are like to arise betwixt <i>France</i> and
10	5 36	6 24	0 A 7	
11	5 38	6 22	0 49	New Moon 11 Day, at 4 Morning.
12	5 40	6 20	1 30	some near Allies: an Incursion of Enemies is feared in Part of the <i>French</i> Territories.
13	5 42	6 18	2 14	
14	5 44	6 16	2 59	We in <i>England</i> may have very good Intelligence from Parts beyond the Seas; and that
15	5 46	6 14	3 47	some Allies of his Majesty begin more to comply with him than some Time ago; and yet
16	5 48	6 12	4 35	
17	5 50	6 10	5 26	
18	5 52	6 8	6 19	
19	5 54	6 6	7 11	First Quarter 19 Day, at 8 Morning.
20	5 56	6 4	8 3	evil Reports do fly about, intimating contrary Things. Some great Persons, formerly Friends, now dare not trust one another: their Timidity is smiled at by Men of Prudence.
21	5 58	6 2	8 55	
22	6 0	6 0	9 46	
23	6 2	5 58	10 38	
24	6 3	5 57	11 31	
25	6 3	5 55	Morn.	
26	6 7	5 53	0 24	Full Moon 26 Day, at 7 Morning.
27	6 9	5 51	1 20	The best of Governments not free from Treachery.
28	6 11	5 49	2 19	
29	6 13	5 47	3 18	
30	6 15	5 45	4 20	

# OCTOBER hath XXXI Days.

As many Points in Compass, so are Winds;  
 As many Men there be, so many Minds.  
 And now methinks I hear some talk of Storms;  
 Of bitter Tempests, or of greater Harms. [rain;  
 Take Heed; fond Youth; small Brooks may swell with  
 Your single Pleasures may have double Pain.

M	W	Fasts and Festivals.	☉	☿	♂	♂	♂	Aspects and Weather.
D	D		ph.	Signs.	ag.	D	rises & sets.	
1	a	Remigius, Bp.	9	shoul.	21	8 A	47	Blustering Winds,
2	B	18 S. aft. Trin.	10	breast	22	9	55	and generally
3	c	Marshall Sou.	11	stoma.	23	11	10	fair, predicting
4	d	20 m. past 10.	12	heart	24	Morn.		a good Wheat
5	e	Day 11 hours	13	and	25	0	36	Seed-time for the
6	f	6 min. long.	14	back	26	1	40	♂ ♀ ? honest
7	g	Cloc. too flow	15	bowels	27	2	51	and industrious
8	a	11 min. 55 sec.	16	belly	28	4	2	Farmer.
9	B	19 S. aft. Trin.	17	reins	29	5	11	Now cold and
10	c	Old Mic. Day.	18	and	N	D	sets.	☉ ☿ cloudy
11	d	Formalhout So.	19	loins	1	5 A	7	for some Days;
12	e	10 min. past 9	20	secret	2	5	28	then I presume
13	f	Trans. R. Ed	21	menib.	3	5	53	8 ♂ 8 ♀ 8 ♂
14	g	Day 10 hours	22	hips	4	6	29	♂ ♀ ? will be
15	a	Etheldred.	23	and	5	7	14	plentiful Showers
16	B	20 S. aft. Trin.	24	thighs	6	8	9	of Rain or Hail
17	c	24 min. long.	25	hams	7	9	13	Now more mild
18	d	St. Luke, Ev.	26	knees	8	10	25	and favourable.
19	e	Marshall Sou.	27	legs	9	11	41	Fair and cool,
20	f	18 min. past 9	28	and	10	Morn.		with frosty
21	g	Ursula.	29	ankles	11	0	58	Mornings, and
22	a	Day decreased	30	feet	12	2	18	perhaps serene
23	B	21 S. aft. Trin.	1	toes	13	3	42	Air, but soon al-
24	c	6 hours 30 m.	2	head	14	5	10	ters to blustering.
25	d	K Geo. III. Ac.	3	face	F	D	rises	♂ ☉ ♀ 8 ♀ 8 ♂
26	e	K Geo. III. Pro	4	neck	16	4 A	59	8 ☉ ♂ - Winds,
27	f	Twilight ends.	5	throat	17	5	42	with Hail or Rain,
28	g	St. Sim. & Jude	6	arms	18	6	28	and Thunder.
29	a	48 min. past 6.	7	shoul.	19	7	45	Fair and sea-
30	B	22 S. aft. Trin.	8	breast	20	9	1	senable to the
31	c	Cloc. too flow.	9	stoma.	21	10	19	Month's End.

# Moore, OCTOBER, 1768.

The 3 Day, at 1 Aftern.	Saturn	} is with the Moon.
The 11 Day, at 6 Night,	Jupiter	
The 12 Day, at 5 Morn.	Mercury	
The 12 Day, at 8 Morn.	Venus	
The 25 Day, at 6 Night,	Mars	
The 30 Day, at 8 Night,	Saturn	

M	Sun	Sun	Moon's	Observations.	
D	rises	sets	South.		
1	6 17	5 43	5 22	Last Quarter 2 Day, at Midnight. The Square of Saturn to the Sun is made when the Sun is near the opposite Point of the great Conjunction in 1762. The Effects will be seen in the East and North-east Parts of the World; yet something of it will be felt in Flanders also.	
2	6 19	5 41	6 19		
3	6 21	5 39	7 12		
4	6 23	5 37	8 1		
5	6 25	5 35	8 48		
6	6 27	5 33	9 32	New Moon 10 Day, at 8 Night. Trouble and Vexation of Mind attend many great Men and Governors, by reason of their Subjects Complaints. <i>Anxietas et Laboris Regibus et Principibus, &amp;c.</i> Many of all Sorts complain of Colds, Imposthumes, sore Eyes, with Pains and Disorders.	
7	6 29	5 31	10 13		
8	6 31	5 29	10 54		
9	6 32	5 28	11 36		
10	6 34	5 26	0 A 23		
11	6 36	5 24	1 6	First Quarter 18 Day, at 11 Night. in the Head: also Disorders in the Reins, which forebode the Stone and Gravel. We have lately had Quartile of Saturn and Mercury from Cardinal Signs, which never fail to furnish us with abundance of false News from all Parts.	
12	6 38	5 22	1 52		
13	6 40	5 20	2 40		
14	6 42	5 18	3 30		
15	6 44	5 16	4 20		
16	6 46	5 14	5 12	Full Moon 25 Day, at 6 Night. Some eminent Lawyer or Priest is honoured with some great Titles or Preferment; and some elderly Statesmen are very desirous and diligent to promote the Interest of their Princes.	
17	6 48	5 12	6 3		
18	6 50	5 10	6 53		
19	6 52	5 8	7 47		
20	6 54	5 6	8 32		
21	6 56	5 4	9 22		
22	6 58	5 2	10 16		
23	7 0	5 0	11 10		
24	7 2	4 58	12 0		
25	7 4	4 56	0 7		
26	7 6	4 54	1 7		
27	7 8	4 52	2 10		
28	7 10	4 50	3 14		
29	7 12	4 48	4 13		
30	7 14	4 47	5 10		
31	7 15	4 45	6 2		

# NOVEMBER hath XXX Days.

Things seem amiss, yet in the main we find,  
 All will be well before the Turn o'the Wind.  
 Good News is coming; yea, 'tis almost here:  
 All's well at present; England need not fear.  
 Her Enemies go down, her Powrs increase;  
 She lives in Plenty, Happiness, and Ease.

W D	Fasts and Festivals.	☉ pl.	D's Signs.	D ag	D rises & sets.	Aspects and Weather.
1 d	All Saints.	10	heart	22	11 34	Variable and
2 e	All Souls.	11	back	23	Morn.	inconstant Wea-
3 f	16 min. 13 sec.	12	bowels	24	0 46	ther begins the
4 g	Day breaks	13	and	25	1 55	Month.
5 a	Powder Plot:	14	belly	26	3 5	Cold and in-
6 B	23 S. aft. Trin.	15	reins	27	4 13	clined to Frost.
7 e	D. of Cumb. b.	16	loins	28	5 21	Term begins.
8 d	28 min. past 5.	17	secret	29	6 29	♂ ♀ ☿ Rain or
9 e	Ld Mayor Day	18	memb.	N	D sets.	Δ ☉ ♄ Snow,
0 f	Daylight ends	19	bladd.	2	4 A 34	with a dark
1 g	St. Martin. Bif.	20	hips	3	5 15	and cloudy Air
2 a	28 min. past 5.	21	thighs	4	6 6	for some Days.
3 B	24 S. aft. Trin.	22	hams	5	7 7	Flying Clouds,
4 c	Clock too slow	23	and	6	8 14	with Winds
5 d	14 min. 52 sec	24	knees.	7	9 27	bringing Rain
6 e	Twilight 2 h.	25	legs	8	10 41	or Snow.
7 f	Hugh B. Linc.	26	ankles	9	11 47	Misty Mornings,
8 g	Fomalhaut So.	27	feet	10	Morn.	with foggy Days.
9 a	10 m. past 11.	28	toes	11	1 16	Mild and tempe-
0 B	25 S. aft. Trin.	29	head	12	2 38	rate for the
1 c	at night.	1	face	13	4 2	Season.
2 d	Old St. Martin	1	neck	14	5 30	An overcast Air,
3 e	St. Clement	2	throat	15	D rises.	with Morning
4 f	Christian.	3	arms	16	4 A 30	Frosts, with
5 g	D. of Gloc. bo.	4	shoul.	17	5 18	♂ ☉ ♀ Snow
6 a	Day 8 h. 8 m.	5	breast	18	6 34	or Sleet, as may
7 B	Advent Sund.	6	stomac	19	7 52	be expected.
8 c	Term ends.	7	heart	20	9 10	Cold and cloudy
9 d	Saturnus.	8	back	21	10 26	to the Month's
0 e	St. Andrew. Prs	9	bowels	22	11 39	End.
	Row. of Wa. b.					

# Moore. NOVEMBER, 1768.

The 8 Day, at 2 Aftern.	Jupiter	} is with the Moon
The 11 Day, at 1 Aftern.	Mercury	
The 11 Day, at 5 Aftern.	Venus	
The 21 Day, at 8 Night,	Mars	
The 27 Day, at 7 Morn.	Saturn	

M D	Sun. Rises.	Sun. Sets.	Moon's South.	Observations.
1	7 16	4 44	6 49	Last Quarter 1 Day, at Noon.
2	7 18	4 42	7 34	The late Opposition of <i>Jupiter</i> and <i>Mars</i> with some other concomitant Aspects, shew many Libels and Invectives against these in Power in divers Countries, especially those that call themselves the Clergy, as well against the Popish as Protestant.
3	7 20	4 40	8 18	
4	7 21	4 39	8 58	
5	7 23	4 37	9 39	
6	7 25	4 35	10 20	
7	7 27	4 33	11 3	New Moon 9 Day, at 2 Afternoon.
8	7 29	4 31	11 46	
9	7 30	4 30	0 A 38	And in some Countries great Persons are questioned for Non-performance of former Covenants: for my Author says, that the Opposition of the <i>Sun</i> and <i>Mars</i> , whose Effect will shew themselves about this Time, <i>Magnates una cum Magistratum fastigii diminutio</i>
10	7 32	4 28	1 27	
11	7 34	4 26	2 18	
12	7 36	4 24	3 9	
13	7 37	4 23	3 58	
14	7 39	4 21	4 47	First Quarter 17 Day, at 1 Afternoon
15	7 40	4 20	5 35	
16	7 42	4 18	6 23	<i>new, non sine mortis metu formidaturos minabitur</i> , manifests or threatens many great Graces with Loss of their Magistracy, not with out Fear of losing their Lives, as well as their Worships.
17	7 44	4 16	7 10	
18	7 45	4 15	7 59	
19	7 46	4 14	8 50	
20	7 48	4 12	9 41	
21	7 49	4 11	10 43	Full Moon 24 Day, at 4 Morning.
22	7 50	4 10	11 44	
23	7 52	4 8	Morn.	From remote Parts male Intelligence, viz <i>Germany</i> : but the Month ends with copious News and Advice for <i>England</i> , all seeming very pleasant.
24	7 53	4 7	0 41	
25	7 55	4 5	1 52	
26	7 56	4 4	2 52	
27	7 57	4 3	3 47	
28	7 59	4 1	4 37	O <i>England</i> , pray for Unity and Peace; And then we hope that Enmity would cease.
29	8 0	4 0	5 24	
30	8 1	3 59	6 8	

# DECEMBER hath XXXI Days.

This Year doth pass unto its End,  
Which fairly cautions us our Lives to mend.  
Let's do our Duty and Obedience too,  
And never grudge our Charity to shew.  
Hence, to conclude, that Life that is well spent,  
None ever did, or ever need repent.

W	Fasts and Festivals.	☉ D's pl. Signs.	☽ Drises ag & sets.	Aspects and Weather.
1 f	Day decreased	10 and	23 Morn.	December be-
2 g	8 hours 32 m.	11 belly	24 0 48	gins as the last
3 a	Day 7 hours	12 reins	25 1 57	ended.
4 B	2 S. in Advent.	13 loins	26 3 4	Fair and frosty
5 c	50 min. long.	14 secret	27 4 11	* 21 ♀ at or
6 d	Nicholas Bif.	15 memb.	28 5 18	about this Time.
7 e	Daylight ends	16 bladd.	29 6 24	Cold and raw,
8 f	Conc. B. V. M.	17 hips	N 7 26	8 1/2 ♀ with
9 g	7 min. past 6.	18 thighs	1 1 2 sets.	Storms of Rain or
0 a	Pole Star So.	19 hams	2 4 15	Snow, at or about
1 B	3 S. in Advent.	20 knees	3 5 56	the New Moon.
2 c	Lacy V. & M.	21 legs	4 7 7	Misty Mornings
3 d	32 min. past 7.	22 and	5 8 21	and foggy Days.
4 e	Ember Week.	23 ankles	6 9 15	Temperate and
5 f	Twilight is	24 feet	7 10 52	mild for the Sea.
6 g	2 hours 12 m.	25 toes	8 11 58	Morn. New honest Joan,
7 a	Daylight ends	26 head	9 0 9	I'll let thee know,
8 B	4 S. in Advent.	27 face	10 1 30	☐ ♂ ♀ about
9 c	59 min. past 5	28 neck	11 2 52	this Time there
0 d	Day br. 6h. 1m.	29 throat	12 4 18	is Rain or Snow.
1 e	St. Thomas.	30 arms	13 5 49	△ ☉ ♂ Frosty
2 f	Good Clocks	1 shoul.	14 6 58	Mornings may be
3 g	go with the Sun	2 breast	F 15 6 58	expected, with
4 a	Day increased	3 and	16 5 11	clear Days, and
5 B	Christm. Day.	4 stomac	17 6 30	good Weather for
6 c	St. Stephen.	5 heart	18 7 50	the Christmas
7 d	St. John.	6 back	19 9 6	Season.
8 e	Holy Innoc.	7 bowels	20 10 18	And I heartily
9 f	6 minutes.	8 belly	21 11 28	wish you all a
0 g	Day ends 6h. 1'	9 reins	22 Morn.	happy new Year,
1 a	Silvester B. R.	10 and	23 0 36	and so farewell.



# Moore. DECEMBER, 1768.

The 6 <sup>th</sup> Day, at 8 Morn.	Jupiter	} is with the Moon
The 7 <sup>th</sup> Day, at 1 Aftern.	Mercury	
The 11 <sup>th</sup> Day, at 10 Night,	Venus	
The 19 <sup>th</sup> Day, at 8 Morn.	Mars	
The 24 <sup>th</sup> Day, at 1 Aftern.	Saturn	

M <sup>th</sup>	Sun <sup>th</sup>	Sun <sup>th</sup>	Moon's	Observations.
Day	rises.	sets.	South.	
1	8	23	58	6 49 Last Quarter 1 Day, at 4 Morning.
2	8	23	57	7 35
3	8	43	56	8 15 We are now arrived at the End of the Year
4	8	53	55	8 55 and, by the Blessing of God, find a more quiet
5	8	63	54	9 30 Time than in some Months past; but yet so
6	8	73	53	10 26 <del>curr.</del> being retrograde, and <del>opposing</del> Venus
7	8	72	53	11 15 preserves an unchristian-like Spirit among us
8	8	83	52	0 A 5 Repentance and Forgiveness are Duties only
9	8	93	51	0 56 New Moon 9 Day, at 9 Morning.
10	8	103	50	1 45
11	8	103	50	2 35 talked of. He that so often says, Forgive us
12	8	113	49	3 23 our Trespases, &c. does it as little as he that
13	8	113	49	4 10 does not say so at all. The Rays of the last
14	8	113	49	4 57 Month will give little Alteration in this, but
15	8	123	48	5 43 all seems to remain quiet and easy. But I
16	8	123	48	6 32 First Quarter 16 Day, at Midnight.
17	8	123	48	7 23
18	8	123	48	8 16 will tell you, here is rugged Work preparing
19	8	133	47	9 14 to usher in the New Year. And so I con-
20	8	133	47	10 16 clude my this Year's Task with God preserve
21	8	133	47	11 19 King George, and give him a long and happy
22	8	133	47	Morn. 19 Reign; and that all his Enemies may see their
23	8	133	47	0 20 Full Moon 23 Day, at 3 Afternoon.
24	8	133	47	1 10
25	8	123	48	2 13 Ignorance and Ingratitude; and let all the
26	8	123	48	3 3 People say <i>Amen</i> .
27	8	123	48	3 49 England is blest with George our sovereign
28	8	113	49	4 32 King, [doth sing.
29	8	113	49	5 15 Whole princely Conduct through the World
30	8	103	50	5 56 Last Quarter 30 Day, at 11 Night.
31	8	93	51	6 58

# The Dominion of the Moon in Man's Body, Passing under the twelve Zodiacal CONSTELLATIONS.

♈ <i>Aries</i> Head and Face.	♎ <i>Libra</i> Reins and Loins.
♉ <i>Taurus</i> Neck and Throat.	♏ <i>Scorpio</i> Secret Members.
♊ <i>Gemini</i> Arms and Shoulders.	♐ <i>Sagittary</i> Thighs & Hips.
♋ <i>Cancer</i> Breast and Stomach.	♑ <i>Capricorn</i> Knees & Hams.
♌ <i>Leo</i> Heart and Back.	♒ <i>Aquarius</i> Legs & Ancles.
♍ <i>Virgo</i> Bowels and Belly.	♓ <i>Pisces</i> Feet and Toes.

## The Names and Characters of the Planets, With the *Dragon's-Head* and *Tail*.

♄ Saturn.	} ☉, or the Sun.	♀ Venus.
♃ Jupiter.		☿ Mercury.
♂ Mars.		☾ the Moon.
	♁ Dragon's-Head.	
	♂ Dragon's-Tail.	

## The Characters of the Aspects.

♌ Conjunction.	} ☿ Opposition.	△ Trine.
* Sextile.		□ Quartile.

## Upon the Twelve Signs.

- ♈ The Head and Face the *Ram* doth always rule:
- ♉ The Neck and Throat are govern'd by the *Bull*,
- ♊ O'er the Arms and Shoulder, still the *Twins* preside:
- ♋ Breast, Stomach, Ribs, the crooked *Crab* doth guide.
- ♌ The noble *Lion* rules the Back and Heart:
- ♍ The bashful *Virgin* claims the Belly Part.
- ♎ The Reins and Loins the equal *Balance* weigh:
- ♏ The *Scorpion* o'er the secret Parts doth sway.
- ♐ The curious *Archer* doth the Thighs affect;
- ♑ So doth the *Goat* our bended Knees protect:
- ♒ The Legs unto *Aquarius*' Lot do fall:
- ♓ The *Fish* our active Feet their Portion call,

the Evils the celestial Bodies seem to forebode us, let us not so highly prize the Things of the World, and grind one another, as is usual in these Days; but I wish the following Rule were better observed, and put into practice. *Prohibetur ne quis faciat in suo, quod nocere posset alieno, et sic utere tuo, ut alium non Ledas.* No Man must do that in his own Property or Possession, which may hurt another Man's; and we must so use our own, as we may not offend and injure our Neighbours; let us therefore, as we have occasion, do good to all Men, as the Apostle speaks, *Galatians* vi. 10. but how averse and contrary the practice of these Times is, to this heavenly Rule, I need not here remember, we now cry, every Man for himself, and God for us all; but as One well inverted it, where every Man is for himself, the Devil is for us all; one of the greatest Miseries this Nation groans under, is Depopulation, but sure there is a *vox* (to them) *qui conjungitis domum, ad domum*, a woe to them that join House to House, and lay Field to Field, till there be no place that they may be placed alone in the midst of the Earth, *Isaiah* v. 8. How many Houses, nay almost Towns, (that I know of) are depopulated, and ruined of late Years.

*Res patitur, patitur clerus, Res publica pauper.*

*Et non passurus, Depopulator erit.*

Nay, doth not the Poor smart the most of all, by this fore Evil? viz. the industrious Poor, those that would live by their own Endeavours; how many of them are utterly ruined and spoiled thereby, and several are forced to flee into other Parts for Harbour, and a poor Habitation? How doth the City sit solitary that was full of People? How is she become as a Widow? *Lamen.* i. 1. How many sufficient Families that were sometime ago able to assist His Majesty in the Support of his Regality, and the Defence of his Kingdoms, that are by these Means much decayed and disabled? We are, saith a learned Divine, but Trustees of this worldly Wealth, or earthly Talent, as we must not hide but use it, so must we use it, not for ourselves only, but for the common Utility of the common Wealth: But where is there any that strive and endeavour to hinder Depopulation? not one that I see in a whole Country; Charity is gone, and banished from among us, that indeed should be *fundamentum Christianæ Religionis*, the cardinal Virtue, and ground-work of Religion, which, as St. Paul says, *1 Cor.* xiii. 5. seeketh not her own, *vequitatis inutile et operamini malum*, &c. saith the Prophet

Chap. ii. v. 1. Wo to them that devise Iniquity, and work Evil upon their Beds, and verse 2. that covet Fields, and take them by Violence; and Houses, and take them away; but see their Doom pronounced by their Prophet in the 3d verse, Behold, against this Family do I devise an Evil, from which you shall not remove your Necks, &c.

This I have briefly added to shew, that many Times, Almighty God, (for the Sins of this People,) sends his Judgements upon the World, in a Time, when Men are most secure, and will not take Notice of the Warning he gives them, by the Messengers of his Wrath, appointed by him to give the World Notice of his Displeasure against Sin: And we read in *Josephus*, that though they had many Signs and Tokens of the Almighty's Wrath against the miserable City of *Jerusalem*, of a strange Comet that was vertical to them, yet never was there more Security in the old World, than among them at that Time; but I shall say no more at present, only crave Pardon for this Digression, which was to let you see, that great Oppression and Sin that is amongst us.

*Hostis est, quisquis mihi*

*Non monstrat hostem.*

He doubtless is no Friend to me, that discovers not my Foe; I heartily wish, we may all of us shake off these Vipers, those great Enormities and Courses of Sin and Oppression, as the forestalling of Markets, and engrossing of Provisions into private Hands; before they are exposed to Sale, whereby the industrious Poor are greatly oppressed; if we could rid our Nation of these Enormities, that are, and abound in this Land, (which I have but briefly hinted,) then shall that of the Prophet be undoubtedly verified and made good unto us, *Deut. xxviii. v. 3, 5. Benedictus eris in Civitate, et Benedictus eris in ruri, Benedictus Corbis tuus et mastra tua* &c. Blessed shall thou be in the City; and blessed shalt thou be in the Field; blessed shall be thy Basket, and thy Store; blessed shalt thou be when thou comest in, and blessed shalt thou be when thou goest out: Then shall we have no cause to fear the Face of the greatest Oppressors, Depopulators, and racking Landlords; the King will cover us under the Wings of his royal and religious Protection: and we his Subject shall render him all sincere and due Obedience; so will the Lord crown us with Blessings of Peace and Plenty, and the Land shall no longer groan under the Burden of Oppressions, which God in his Mercy grant.

*Astro.*

## Astrological Observations for the Year 1768

**B**EWARE my Genius, how thou durst to pry,  
 Into *Uranias's* Court, first Pardon cry ;  
 Pardon, dear Lady, lead me by the Hand,  
 Direct me how the Spheres to understand ;  
 And to unlock the hidden Treasury,  
 And secret Mysteries of Astrology ;  
 If thou great Causes seest that doth excel,  
 Do not presume their Influence to tell ;  
 Or where their dire Effects are like to fall,  
 For God above rules and disposeth all ;  
 The Intrigues of State seek not to know,  
 Leave that to God above, to Gods below ;  
 Thy Errands, harmless thy Design is Love,  
 Each courtous Reader will thy Book approve.



**Hieroglyphics** are Symbols, or Mystick Figures, us  
 among the antient Egyptians, to conceal the Secrets of the  
 Theology, and are proper Emblems of divine, or supernat  
 ral Things, with us they are esteemed as Signs of sensib  
 and natural Things, and are a kind of real Character, whic  
 doth not only denote, but in some measure expresses t  
 Things ; thus a Lyon denotes Strength, and a Fox Subtilty  
 and also to the Chameleon denotes an Hypocrite that  
 to please the Times in which he lives, and that

ny Religion, or none, and take any Impression that will serve the present Turn; for it is reported of that Animal, that it can change itself into any Colour, but white and red; and therefore these are the Emblems of these Times; and so I proceed to give Judgment on the four Quarters of the Year, according to my usual Method; and first of

### The Brumal, or Winter Quarter.

**T**HIS Quarter begins on *Monday the 21st of December, at Midnight, 1767, apparent Time, when the very Beginning of Libra ascends, and the same of Cancer culminates; Jupiter is in the Ascendant, and Saturn in the Medium Celi, in Opposition to the Luminaries in the 4th. Mars and Venus in Conjunction in the 2d, and Mercury in the 3d; thus are the Heavens posited at this Ingress, which is a very violent and active Position: This Quarter is taken up more in Council than in Action; many hot Spirits at work, and some under the mask of Religion; yea, and such who seem more piously than their Brethren, will be very busy in raising Animosities in the Nation, but their Hopes and Ends will be vain.*

For some fly high, this is the Nation's Shame,  
And some fly low, these are as much to Blame;  
Those Elves on both Sides have in Malice Store,  
And would the Medium, true Church, Wound and Gore.  
Could they have their Wills, and then fall together by  
the Ears among themselves, and have no Church at all:  
Now the Senators are busy in contriving Matters (I hope)  
to good Purposes, and in a short Time some Hero meets  
with Affliction; but *England*, I hope flourishes under the Pro-  
tection of a gracious King. The Matters of the present Go-  
vernment seem uneasy; what a mad World do we live in!  
Some love the King, and the Church of *England*; some love  
the King, and not the Church: (Twang said the Boy to the  
Parson) but some say again, love neither the King nor the  
Church; and this I believe to be true Saturn has made his  
exit from Gemini, but by a retrograde Motion comes back  
again; and in the Beginning of *February*, Mars salutes him  
with an opposite Ray, which I fear will mightily infest the  
highways with Robbers, and the Seas with Pirates, and  
privateers, and this too attended with much Mischief and  
Bloodshed; that is, there will be more than usual of such  
violety, by Sea and Land.

Some

Some to the Seas purely for Honour go,  
And some perhaps to Fight the daring Foe ;  
Some sculk in Holes, not willing once to fight,  
And some like Thieves, lie plundering in the Night ;  
This is the Trade they go of, thus goes the Game,  
Pox take their Worships, is not this a Shame ?

Which brings me to consider the Diseases incident to this Quarter, and I have done. I doubt the rugged Rays about the Ingress will fix a scurvy Distemper on us, that will hold the Winter out, as Coughs, Rheumatisms, Consumptions, and other Disorders of the Chest and Lungs. The Air begins to shew the Season, and the Weather, like Charity, is grown Cold enough.

Sol through cold Quarters of the Stars does go,  
Through Magazines of Hail, Rain, Wind, and Snow ;  
With Winter's Fury ; the Earth stands bald and bare,  
And waits for milder Skies, and softer Air.

## II. Of the Spring Quarter.

**T**HE Spring Quarter takes its Beginning on *Sunday, March the 20th*, at 51 min. past one in the Morning,



at which Time 25 deg. of Sagittarius ascends, and 29 deg. of Libra is on the Mid-heaven ; at this Ingress we have the two Infortunes angular, and Jupiter in the 9th, and the rest are exhibited as in the foregoing Scheme.

A few Days before the Ingress, was a Square of Saturn and Mars, and also another between the Sun and Jupiter ; the Moon is in Aries, and by her Separation and Application in Aspect with the other five Planets : Hence it appears to be a very active Ingress, but there will be no very great or eminent Things done by the Potentates of *Europe* this Year, for there is a spirit of Mischief doth naturally attend one Year more than another ; and the Passions of Mankind are more violent, and have more Opportunity to put them in practice one Year than another ; besides we see there are Men more vigilant and fit for Action, prefer'd to Places of Trust and Command one Year more than another ; and even those very Men themselves have not the same Success, or Opportunities to shew their Diligence and Bravery equally in all Years. Now to improve this, and make it more plain, I will shew you the true Grounds of predicting astrologically, and from thence the Reason of those Things in Nature, and that they are not purely by Chance.

The Ground of all Predictions is referred to Comets, and great Conjunctions of the two Superiors, Saturn and Jupiter ; and Saturn, Jupiter and Mars in cardinal Signs, in active Parts of Heaven, near eminent fixed Stars. but in the the very beginnig of Aries, chiefest of all. Now he that would discover the active and turbulent Years before they come, and when great and eminent Things shall be transacted, or Mankind suffer by some common Calamity of Plague, Scarcity, Inundations, Fire or War ; he must first observe the Place of the Comet what Kingdom it afflicts, and also what Princes Nativity, what Kingdom or City it is vertical to, and of what Nature, this Comet is Saturnine, Martial, &c. and in what Years it doth afflict any of those Parts or Persons ; and how, secondly, let him observe at the Entrance of every Year, how the Sun, Moon, or Mars behold the Place of the Conjunction by Quartile, or Opposition, and if near any violent fixed Star ; as also what Eclipses fall in or near those Points or Parts of Heaven, and how Saturn and Mars do govern or afflict at those Times, and in what Part the Scheme they fall, as well as in what Part of the Zodiac.

As the Eclipses ought to be considered with the Co-

meta



mets also, and in particular how they stand affected in their Declinations, for I esteem that to be one of the most considerable Accidents that doth or can attend them in this Circumstance; and then lastly, when you have considered all these Particulars carefully, make use of your Ingress to guide and direct you in your Judgment in the Discovery of what is most remarkable, and likely to happen, in that or any other Year: Besides these Things, there are the Transits of Saturn through the twelve Signs, by which Means he does afflict divers Countries and Kingdoms, by his Body every thirtieth Year, and by his Opposition every fifteenth Year. He is just entering Cancer, those Kingdoms and Countries under that Sign, as *Holland, Zealand, Prussia, Numidia, &c. Constantinople, Venice, Genoa*, and many others will be found uneasy and out of Order, during his transit through that Sign, and that indeed it seldom misseth, without something remarkable to prevent it, as I could shew you by going Backwards, with the History in one Hand, and an Ephemeris in the other, but that Work I will leave to the industrious Student, at his Leisure; and so I return to the Consideration of the remaining Part of the Ingress: And from the Aspects preceding, our Authors tells us, and our Experience proves it, that Knowledge and Science will receive Increase; but then also, Craft, Fraud, Lying, Deceit, Backbiting, Contention, will be promoted: Forgeries and Perjuries will be practised among Men; monstrous and stupendous Scandals against Men in Authority; Subjects will prove unruly and disobedient to their Superiors, Servants to their Masters, and Friends will be treacherous to each other; and thus you see, that although we may probably increase in Science, we are sure likewise to increase in Sorrow. To avert these heavy Menaces of the Stars, let us study to be wise, to know and believe, that Obedience is better than Sacrifice. Let us therefore, I say, study to be quiet, and to do our own Business; let us Mind our own Concerns, and pray to God, to direct others in the best of theirs: Which brings me to the Summer Quarter.

**T**HE Summer Quarter begins at such Time as the Sun enters the tropical Sign Cancer, which this Year happens on *Monday the 20th of June*, at 14 min. past Midnight; but having almost exceeded my Bounds of three Sheets of Paper, I must desist, and hasten to the autumnal Qu

**T**HE Autummal Quarter begins on the 22d of September, at 1 h. 39 min. post Meridiem.

### The Conclusion of this Year's Book.

**N**OW farwel Book, go take thy Chance, and flee  
 Throughout *Great-Britain*, let my Masters see,  
 What News thou hast, tell them what is to come,  
 Let it be good or bad, tell all, and some.  
 If any carp against my harmless Pen,  
 Say I am frail like other mortal Men;  
 This I know well, I ne'er shall pleasure all,  
 No Man did ever yet, nor ever shall;  
 But I'll take Care, let Life be short or long,  
 Not to offend with either Pen or Tongue.  
 Therefore go boldly on, and make no stay,  
 Tho' Bryars, Thorns, or Spears lie in the Way;  
 So let me pass, and when my Journey's over,  
 I'll try if better Luck I can discover,

Lately published by W. SANDBY, Bookseller in  
*Fleet-street.*

**T**HE true practical *French Grammar*; containing: 1. Exact and easy Rules for the Pronunciation. 2. A Syntax to render both Languages into each other, with Propriety of Expressions, according to the various Significations of every Part of Speech. 3. A large Collection of the best and truest Idioms, extracted from the most celebrated Writers, and, 4. A new Set of familiar Dialogues, in *French and English*, including a Description of the City of London. The whole treated of in an easy Method, and adapted for those who desire to be thoroughly grounded in the *French Language*. The Second Edition. By J. Gantier, Price 2s. 6d.

# *Merlinus Liberatus.*

BEING AN

# ALMANACK

For the Year of our Redemption,

1 7 6 8.

Being the *Bessetile*, or *Leap Year*;

And from the Creation of the World, according  
to the best History, 5717,

And the 76th of our Deliverance by *K. William*  
from Popery, and Arbitrary Government;

But the 72d from the

**Horrid, Popish, High-Church, Jacobite Plot.**

Wherein is contained all Things fitting and useful for such a Work, as  
an Ephemeris of the daily Motions of the Planets, with their various  
Configurations, Aspects, Conjunctions, Lunations, Eclipses, Astrono-  
mical, Astrological, Meteorological Observations, the Rising and Setting  
of the Sun, Moon, Planets, and fixed Stars, illustrated with Tables of  
the Tides, Terms, and daily Equation of Clocks, Length and Break,  
Increase and Decrease of Days, Semidiurnal and Seminocturnal Arches  
for several Latitudes, a Chronology, Remarks on the Divisions of the  
Heavens, with a particular Judgment of a visible Lunar Eclipse, with  
many other Things relating to the Truth of Astrology.

To which is prefixed,

The Protestant Remembrancer.

Calculated for the Meridian of *London*.

Whose { Longitude } is { 24 } Degrees { 20 } Minutes.  
{ Latitude } { 51 } { 32 }

By **JOHN PARTRIDGE.**  
*Etiam Mortuus loquitur.*

LONDON: Printed by J. HARRISON, for the  
Company of STATIONERS.

[Price Stitched Nine Pence.]

Some true Observations of Astrology, continued from my last.

**A**STROLOGERS confess, and none but Atheists will deny, that God is the Creator, and also the Cause of all Things, to whom second Causes are but Instruments, but, as God, uses their Power in the Government of the World. You are taught this by the Prophet *Hoseab*, chap. ii. ver. 21, *Ecce* where he saith, *The Heavens shall bear the Earth, and the Earth shall bear the Corn, &c.* but he saith first, *I will bear the Heavens*; and, as the Margin of your Bibles has it, *Then shall the Heavens desire Rain for the Earth, that it may bring forth for the Use of Man*: Whereby it is evidently implied, that as the Earth is the Womb in which the Corn is preserved, so the Heavens are the Efficients which educe the Form out of the Matter of the Corn, without both which it cannot of itself quicken and have Life, whereby it springs up to a due Perfection, as you may more plainly see in *Deuter. xxxiii. 9.* where the Increase of all the Vegetables is so attributed to the Sun and Moon, that they are said to bring, or put forth, this Increase, so whether we respect the natural Causes of Things, or those Accidents which happen, beside the Order of Nature, we acknowledge it to the suppreminent Power of God; which can be no Impeachment to Astrology, because God governs ordinarily, and therefore seldom inverts or disturbs that Order, whereby he governs his Workmanship. Read the Acclamations of the royal Psalmist, Part of *Psal. cxxxv. and cxxxvi.* Moses, speaking of God's creating the Sun, Moon, and Stars, tells us to what Purpose they were created, and that was for Signs and for Seasons, and for Days, and for Years, *Gen. i. 14.* Here you find God did not make them only for Lights, but first for Signs. Moses tells us of what he knew, not of what he did not; for he being brought up in the Knowledge of the Egyptians was skilled therein, and so wrote of what he knew. That God had ordained the Sun, Moon, and Stars, for Signs in the Day he created them; viz. Signs of Revolutions in the World, to Kingdoms, Families, and particular Persons; from which we find Astrology ordained by Heaven..

To

To the Courteous READERS.  
GENTLEMEN,

**T**O you, and only to you that fear God, and regard his wonderful Works, do I direct my this Year's Ephemeris, and leave the rest to answer for their Contempt another Day: And, by the great Goodness of a most gracious God, I am yet in the Land of the Living, but past the Meridian of my Life, and, praised be God, I am at this Time of my writing hereof in good Health of Body, and have once more adventured to appear upon the Stage in this critical fullen Age, which is grown so uncivil, that nothing of Art is valued; for Art is now out of Doers. Ah! Pity it is that Ingenuity should be so dispised by most Men of Dignity, who should encourage all such that study ingenious and curious Arts. No Science is greater than Astrology. Astronomy is a noble Science; and since the great Sir *Isaac Newton* has revealed it's Beauties, has taken up the Thoughts of the Learned in this Age, that we want another Sir *Isaac* or another *Ptolemy*, to shew us the Beauty of Astrology, which noble Art is almost grown out of Fashion: It wants but a right Encouragement from great and noble Persons. In old Time the Roman Emperours supported such as studied the Art of Astronomy; but now it is otherwise with us in this our Nation.

But, gentle Readers, I desire you to accept of this my small Mite. The Calculations herein of the Lunation and Aspects of the Planets were from the Tables of the learned Dr. Halley, but the visible lunar Eclipses are calculated from other Tables, which, as my Correspondent informs me, has undergone the most rigorous Examination, and are very near to my own. Nevertheless, I am not ignorant how that never any Man living, in his Writings, could please the fancies of all Men, neither do I expect to be the first. To please the Envious I cannot, for they are resolute. To content the Scornful, I will not attempt.

All Persons that write to me upon their own Business, especially on Points of Curiosity, wherein I can expect no Profit, are desired to pay the Postage of their Letters, or they will not be answered, by the

Eaton,  
Leicesterhire,

Humble Servant,

THOMAS WRIGHT

**A Table of the Moon's Age for every Day throughout the present Year 1768. Whereby, with the Help of the next general Tide-Table, the Time of High Water at all the Places above-mentioned in it are shewn by Inspection.**

Days Month.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	12	13	13	14	F	17	17	19	21	21	22	23
2	13	14	14	F	16	18	18	20	22	22	23	24
3	14	F	F	16	17	19	19	21	23	23	24	25
4	F	16	16	17	18	20	20	22	24	24	25	26
5	16	17	17	18	19	21	21	23	25	25	26	27
6	17	18	18	19	20	22	22	24	26	26	27	28
7	18	19	19	20	21	23	23	25	27	27	28	29
8	19	20	20	21	22	24	24	26	28	28	29	N
9	20	21	21	22	23	25	25	27	29	29	N	1
10	21	22	22	23	24	26	26	28	N	N	2	2
11	22	23	23	24	25	27	27	29	1	1	3	3
12	23	24	24	25	26	28	28	N	2	2	4	5
13	24	25	25	26	27	29	29	2	3	3	5	4
14	25	26	26	27	28	N	N	3	4	4	6	6
15	26	27	27	28	29	1	2	4	5	5	7	7
16	27	28	28	29	N	2	3	5	6	6	8	8
17	28	29	29	N	2	3	4	6	7	7	9	9
18	29	N	N	2	3	4	5	7	8	8	10	10
19	N	2	1	3	4	5	6	8	9	9	11	11
20	1	3	2	4	5	6	7	9	10	10	12	12
21	2	4	3	5	6	7	8	10	11	11	13	13
22	3	5	4	6	7	8	9	11	12	12	14	14
23	4	6	5	7	8	9	10	12	13	13	F	F
24	5	7	6	8	9	10	11	13	14	14	6	16
25	6	8	7	9	10	11	12	14	F	F	17	17
26	7	9	8	10	11	12	13	15	16	16	18	18
27	8	10	9	11	12	13	14	F	17	17	19	19
28	9	11	10	12	13	14	15	17	18	18	20	20
29	10	12	11	13	14	F	F	18	19	19	21	21
30	11	12	12	14	15	16	17	19	20	20	22	22
31	12	13	13	F	18	20	21	22	23	23	24	24

**An Explanation of this and the following Table.**

First find the Month in the Head of the Table, and the Day in the first Column on the left Hand, and in the Angle of Meeting you have the Day of the Moon's Age, with which enter the following Table, and find your said Number in the left Hand Column, and over against it in the other Columns is the Time of High-Water at all the Places above-mentioned, by Inspection.

*Example.* January the 9th, I find the Moon to be 20 Days old, and over-against 20 in the first Col. I find 7 Hours 00 Min. in the second Col. 5h. 30' in the third, which is the Time of High Water at all those Places mentioned above in the 2d and 3d Columns. *Ejus de ceteris.*

**general Tide Table, shewing the Time of High Water at all the Places herein mentioned, viz**

Enter this Column with the Moon's Age, and over against it you have the Time of High Water at the Places above		Land. Tim. Harl. Amster. Dort, Whitby, Galacia, Gofe		West of Irel. Britain at Grinn, Rotterdam, and Robin H. Bay.		Downs, Graves. Ramk. Gurns. Rumm. Thanet, Scilly balf Tide, Serry H. Zenn at Blacken N Cape, bit. Cal. and Dorv		Plym. Ramf. Sev. Humb. Foy, Torb. Neuv. Falm. Dartm Lizard, St. Maloes, in the Spurn, betw. Scilly and the Lix.		Hull, Lynn, Weym. Fofd. Antw. St. Dav. Holmes of Bristol, Lond. St. Paul's Salcom, without Ushant, Waters. balf Tide.		Boflon, Bristol, Foulm. Startp. Lanion. Alfor. Weym. Key, Lime, before St. Nicholas, Sedmouth in the Channel, Foy.		Dover, Harw. Bullin. Yarm. Road, Calice Road, S. John de Luca, S. Forcl. St. Helens, Coast of Norm. and Picardy.		Portf. Quinb. Souba. Leith, Isle of Wigbt, Dunk. Kentifl Knock, Beachy, Canado, C. of Fland. Spies. Dover Pier,		Portl. Peter-port, Hague, Dubl. Harf. Lanbay, Magnus, Sound, Comb without the Cafetts, Macnefi, Milford, Texel.	
D.	A.	H.	M.	H.	M.	H.	M.	H.	M.	H.	M.	H.	M.	H.	M.	H.	M.	H.	M.
1	16	3	48	2	18	6	3	6	48	7	33	11	18	12	48	9			
2	17	4	36	3	6	6	51	7	36	8	21	12	6	1	36	9	51		
3	18	5	24	3	54	7	39	8	24	9	9	12	54	2	24	10	39		
4	19	6	12	4	42	8	27	9	12	9	57	1	42	3	12	11	27		
5	20	7	0	5	30	9	15	10	0	10	45	2	30	4	0	12	15		
6	21	7	48	6	18	10	3	10	48	11	33	3	18	4	48	1			
7	22	8	36	7	6	10	51	11	36	12	21	4	6	5	36	1	51		
8	23	9	24	7	54	11	39	12	24	1	9	4	54	6	24	2	39		
9	24	10	12	8	42	12	27	1	12	1	57	5	42	7	12	3	27		
10	25	11	0	9	30	1	15	2	0	2	45	6	30	8	0	4	15		
11	26	11	48	10	18	2	3	2	48	3	33	7	18	8	48	5			
12	27	12	36	11	6	2	51	3	36	4	21	8	6	9	36	5	51		
13	28	1	24	11	54	3	39	4	24	5	9	8	54	10	24	6	39		
14	29	2	12	12	42	4	27	5	12	6	57	9	42	11	12	7	27		
15	30	3	0	1	30	5	15	6	0	6	45	10	30	12	0	8	15		

**A Table shewing what Sign the Moon is in (and the Part of the Body it governs) for every other Day in this present Year of our Lord 1768, being of excellent Use for the Direction of any Person that deals in Cattle, &c. It being so plain and easy, that it requires no more Explanation, and it's Use is exhibited by Inspection.**

Jan. D.	Febr. D.	March D.	April D.	May D.	June
1 arms	2 stom.	2 bowel	1 reins	2 secrets	2 knees
3 breast	4 bowel	4 belly	3 loins	4 thighs	4 hams
5 heart	6 belly	6 reins	5 secrets	6 knees	6 legs
7 back	8 reins	8 secrets	7 thighs	8 legs	8 feet
9 belly	10 secrets	10 hips	9 knees	10 ankles	10 face
11 reins	12 thighs	12 knees	11 legs	12 toes	12 neck
13 secrets	14 knees	14 hams	13 feet	14 face	14 arms
15 thighs	16 legs	16 legs	15 head	16 neck	16 breast
17 hips	18 feet	18 feet	17 neck	18 arms	18 heart
19 knees	20 head	20 face	19 arms	20 breast	20 belly
21 legs	22 neck	22 throat	21 breast	22 heart	22 reins
23 feet	24 arms	24 should	23 stom.	24 belly	24 loins
25 head	26 shoul	26 stom.	25 back	26 reins	26 secrets
27 neck	28 breast	28 back	27 bowel	28 secrets	28 thighs
29 arms	29 heart	30 belly	29 reins	30 memb	30 knees
31 breast					
D. July	D. Aug.	D. Sept.	D. Octob.	D. Nov.	D. Dec.
2 legs	1 feet	2 neck	2 stom.	1 heart	1 bowel
4 feet	3 face	4 should	4 heart	3 bowel	3 reins
6 head	5 neck	6 breast	6 back	5 belly	5 secrets
8 neck	7 arms	8 back	8 bowel	7 reins	7 hips
10 arms	9 breast	10 bowel	10 reins	9 secrets	9 thighs
12 breast	11 heart	12 reins	12 loins	11 thighs	11 knees
14 stom.	13 bowel	14 loins	14 secrets	13 knees	13 legs
16 heart	15 belly	16 secrets	16 thighs	15 hams	15 feet
18 bowel	17 reins	18 thighs	18 knees	17 legs	17 head
20 reins	19 secrets	20 knees	20 legs	19 toes	19 neck
22 secrets	21 thighs	22 legs	22 feet	21 face	21 arms
24 thighs	23 knees	24 feet	24 head	23 neck	23 breast
26 hips	25 hams	26 head	26 neck	25 arms	25 stom.
28 hams	27 legs	28 neck	28 arms	27 breast	27 heart
30 legs	29 toes	30 arms	30 breast	29 heart	29 belly
31	31 face				31 reins



# A. Table of Terms and Returns, for the Year of our Lord 1768.

*Hilary Term begins Jan. 23, ends Feb. 12.*

Returas or Effoign Days.	Exc.	Ret.	App.	W. D.
In eight Days of St. Hilary, Jan. 2 <sup>d</sup>	21	22	23	Saturd.
From the Day of St. Hilary in 15 Days, 27	28	29	30	Saturd.
On the Morrow of Purif. of bl. V. Mary, Feb. 3	4	5	6	Saturd.
In eight Days of the Purif. of bl. V. Mary, 9	10	11	12	Friday

*Easter Term begins April 20, ends May 16.*

From the Day of Easter in 15 Days, April 17	18	19	20	Wednesf.
From the Day of Easter in 3 Weeks, 24	25	26	27	Wednesf.
From the Day of Easter in 1 Month, May 1	2	3	4	Wednesf.
From the Day of Easter in 5 Weeks, 8	9	10	11	Wednesf.
On the Morrow after the Ascension, 13	14	15	16	Monday

*Trinity Term begins June 3, ends June 22.*

On the Morrow of the holy Trinity, May 30	31	1	2	Friday
In eight Days of the holy Trinity, June 5	6	7	8	Wednesf.
From the Day of holy Trinity in 15 Days, 12	13	14	15	Wednesf.
From the Day of holy Trinity in 3 Weeks, 19	20	21	22	Wednesf.

*Michaelmas Term begins Nov. 6, ends Nov. 28.*

On the Morrow of All-Souls, Nov. 3	4	5	7	Monday
On the Morrow of St. Martin, 12	13	14	15	Tuesday
In eight Days of St. Martin, 18	19	20	21	Monday
In fifteen Days of St. Martin, 25	26	27	28	Monday

*N. B. No Sittings in Westminster-Hall on Ascension-Day, Midsummer-Day, and the 2d of February.*

The Exchequer opens eight Days before any Term begins, except Trinity, before which it opens but four Days.

*Note,* That the first and last Days of every Term are the first and last Days of Appearance.

Good is the Law, and to do good design'd.  
If it's Executors for Bribes shall grind  
The Face of Justice, and oppres the Poor,  
There is another Law for them in Store;  
Which neither Judge nor Council can withstand,  
Nor Writs of Error frustrate Heaven's Hand!

*No facias alteri, quod non vis tibi.*

# January hath XXXI Days.

A Continuation from my last.

And (In a larger Sense) she doth relate  
The common People of the public State,  
She gives Possession such as are contained  
In Water-works, whether by Sea or Land :  
Her Herbs (with cooling Juice) serve to expel,  
And tame Distempers that with Heat rebel.

M	h	u
D	28	u
1	0	21
6	11	21
11	29	22
16	29	22
21	28	22
26	28	3

M	W	Sundays and	Remark.	Days.	O	h	D	u	δ	ε	γ	Aspect and
D	D				D	M	D	M	f	m	f	Weather.
1	F	Circumcision.			10	43	7	18	1	24	18	The year be-
2	S	Oct. St. Stephen			11	44	20	38	2	25	19	gins with
3	C	Sa. aft. Christ.			12	45	4	24	2	26	20	cloudy dark air
4	M	Telephon			13	46	17	15	3	27	21	producing rain
5	T	Old Christ. Day			14	47	0	20	3	28	22	or snow, which
6	W	Epiphany.			15	48	13	9	4	29	23	may continue
7	T	Lucian P. & M.			16	49	25	32	5	1	24	for several
8	F	Julianus			17	50	7	42	6	1	26	days.
9	S	Capella South			18	52	19	43	6	2	27	
10	C	18. aft. Epiph.			19	53	1	48	7	3	29	Winds clearing
11	M	Plough Monday			20	54	13	31	8	4	19	□ ○ u
12	T	Old N. Year's D.			21	55	25	27	8	5	1	the air.
13	W	Hilary			22	56	7	20	9	6	2	
14	T	Cambridge and			23	57	19	44	10	7	4	Sharp frost may
15	F	Oxford T. beg.			24	58	2	16	11	8	5	be now expec-
16	S	16 m. past Ionig			25	59	15	2	11	9	7	ted, but comi-
17	C	2 S. aft. Epiph.			27	1	28	11	12	11	8	ness not long
18	M	Q. Ch. b. d. kept			28	2	11	46	13	12	9	without
19	T	Aldeberan South			29	3	25	36	14	13	11	○ δ ε
20	W	Fabian, B. of R.			0	4	9	47	14	14	12	some notable
21	T	Agnes V. & M.			1	5	24	12	15	15	13	alteration to
22	F	St. Vincent			2	6	8	44	16	16	15	snow or rain.
23	S	Term begins			3	7	23	18	16	17	16	
24	C	3 S. aft. Epiph.			4	8	7	48	17	18	18	Windy and
25	M	St. Paul's conv			5	9	22	8	18	19	20	□ u ε
26	T	Policarpus			6	10	6	18	18	20	21	open * - u ε
27	W	Chrisostom			7	11	20	14	19	21	23	weather may
28	T	Carolus mag.			8	12	3	56	20	22	25	probably con-
29	F	Theodorus			9	13	17	55	20	24	26	clude the
30	S	K. Ch. I. Mart.			10	14	0	19	21	25	27	month.
31	C	Septuag. Sna.			11	15	13	41	22	26	29	

# Partridge. January, 1768.

	M D	Jupiter South	Venus South
Full Moon 4th Day at 5 in Morning.	1	6 29	8 44
Last Quarter 12th Day at 4 in Morning.	6	6 9	8 42
New Moon 19th Day at 6 at Night.	11	5 53	8 42
First Quarter 26th Day at Noon.	16	5 29	8 41
1st Day h. S. at 11. 9. δ at 9. 1 mane 8 10. 21.	21	5 7	8 43
16 Day h. S. 9. 59. δ at 8. 47. 8 10. 36.	26	4 55	8 44

M. Lunar Aspects.						Clock	Moon	Moon	Observations.	
D	☉	☿	♈	♀	♊	toofast	South	sets.		
1					13	8	4 35	9 55	5 35	<i>A Jove principium.</i>
2	δ	Δ				21	4 44	10 52	6 44	We have hopes the
3	8	16	1				5 12	11 48	7 37	new year may begin
4	17	□		Δ			5 39	Morn.	D rise	happily, notwith-
5		10	Δ	20			6 5	1 31	5 42	standing all fears and
6		*	5		Δ		6 31	2 16	6 57	various reports to the
7	*	16	□		22		6 57	2 58	8 7	contrary. If ever se-
8	Δ	7		20	□		7 22	3 59	9 17	rious consultations
9	22	□			8	□	7 47	4 19	10 26	appeared in Europe,
10		19	*	*	14		8 12	4 59	11 33	certainly now is the
11	□		δ	14	2		8 36	5 49	Morn.	time that we may
12	16	Δ	18		*		8 59	6 24	0 41	be confident, great
13		7			14		9 22	7 9	1 51	things are now in
14	*						9 44	7 59	3 2	agitation; the year
15	6		δ	δ			10 5	8 53	4 13	is not only ushered
16		*	17	9			10 25	9 48	5 19	in with a full moon,
17	8	14		δ	10	δ	10 45	10 45	6 47	but the moon suffers
18	0	□			19		11 4	11 40	7 3	an eclipse in Can-
19	δ		18				11 23	0 39	D sets	cer; a northern sign
20	6	Δ	*	*			11 44	1 32	5 28	which will affect the
21		Δ	20	8	8		11 58	2 22	6 55	north of Europe with
22		7		□	□	*	12 14	3 22	8 20	strange and variable
23	*	□		10	10	12	12 29	4 3	9 45	actions, but of what
24	18	9		Δ	Δ	□	12 43	4 54	11 10	kind time will best
25	*	8	13	15	16		12 58	5 47	Morn.	demonstrate. Com-
26	□	11	0				13 10	6 41	0 34	plaints and accusa-
27	0				Δ		13 23	7 38	1 56	tions are ready to
28	Δ				4		13 39	8 36	3 16	break forth against
29	16	δ	Δ	8	8		13 46	9 32	4 27	men in high places.
30		20	8	4	13		13 56	10 26	5 25	
31			□				14 4	11 16	6 6	

# February hath XXIX Days.

M b H  
D II A

They lenify and cool inflamed Parts,  
And mitigate astringent cholerick Smarts.  
Long hath Experience (from Antiquity)  
Observ'd the heavenly Bodies how they move,  
Their Power below, their Magnitude on high,  
And which incline to hate and which to love.

1 27 23  
6 27 23  
11 27 23  
16 27 23  
21 27 23  
26 27 23

M W D	Sunday and Remark. Days.	☉ D	☽ M D	♂ M D	♀ M D	☿ M D	♂ M D	♀ M D	Aspects and Weather.
1 M	St. Bridget	12	15	26	29	23	26	1	* H ♂
2 T	Purif. V. Mary	13	16	9	21	24	27	3	This month is
3 W	Blasius Bishop	14	17	21	21	24	28	4	afflicted in with
4 T	Veronica	15	18	3	22	25	25	5	cloudy wea-
5 F	Agatha	16	19	15	50	26	2	8	ther, but mode-
6 S	St. Vaast	17	20	27	48	26	3	9	grately tempe-
7 C	Sexages. Sun.	18	20	9	42	27	4	11	rate, 8 h ♂
8 M	Twilight hours	19	21	21	34	28	5	12	but soon changes
9 T	Procyon south	20	22	3	29	28	6	14	to rain or snow.
10 W	15 min. past 10	21	22	15	30	29	7	16	Moderate
11 T	St. Severin	22	33	27	41	29	8	17	Δ ☉ H
12 F	Term ends	23	24	10	7	29	9	19	frosty weather
13 S	C. Candle. Day	24	24	22	52	1	11	21	Δ H ♀
14 C	Shrove Sunday	25	25	6	1	2	12	23	may be
15 M	Sirius South	26	26	19	35	2	13	25	Valentine
16 T	Shrove Tuesday	27	26	3	37	3	14	27	now ♂ ☉ ♀
17 W	Ash Wednesday	28	26	18	4	4	15	29	expected.
18 T	St. Simeon	29	27	2	50	4	16	31	Δ ☉ H Δ b
19 F	10 min. past 7	0	27	17	49	5	18	2	♂ No great
20 S	Twil. 1 h. 57	1	27	2	51	6	19	4	alteration as
21 C	1 Sun. in Lent	2	28	17	45	6	20	6	yet. Some snow
22 M	Cath. Petri	3	28	2	25	7	21	8	or fleet with
23 T	Policarpus	4	28	16	45	8	22	10	* ♂ ♀ vari-
24 W	Ember Week	5	28	0	44	9	23	12	ous weather for
25 T	St. Matthias	6	29	14	20	10	25	14	some days.
26 F	Milgithas	7	29	27	36	10	26	16	☉ H ♀ winds
27 S	Leander	8	29	10	34	11	27	18	and serene air
28 M	2 Sun. in Lent	9	29	23	17	12	28	20	continue to the
29 M	Cleopatra	10	29	5	55	12	29	22	month's end,

**Partridge. February, 1768.**

Partridge.	February, 1768.	M D	Jupiter South	Venus South
Full Moon	2d Day at 9 at Night.	1	4 25	8 48
Last Quarter	10th Day at Midnight.	6	4 3	8 53
New Moon	18th Day at 6 in Morning.	11	3 47	8 58
First Quarter	24th Day at 9 at Night	16	3 25	9 3
1st Day	h S. at 8. 48. ♂ at 4. 29. ♀ at 11. 16	21	3 3	9 8
16 Day	h S. at 7. 47. ♂ at 4. 15 ♀ at Noon.	26	2 47	9 15

M	Lunar Aspects.						Clock	Moon	Moon	Observations.
D	☉	☽	♂	♀	♄	♅	toofall	South	sets.	
1			18			8	14 11	Morn	6 29	The heavens seem
2	8					12	14 18	0 3	Drife	to bless our nation
3	9	*	*	Δ	Δ		14 24	0 47	5 43	with an hopeful con-
4		10	3	6	14		14 29	1 29	6 54	tinuance of peace
5				□			14 35	2 9	8 3	and tranquility for
6		□		21	□		14 38	2 50	9 11	the present ; but,
7	Δ	○			11	Δ	14 42	3 33	10 20	from the aspect of
8	20	Δ	6	*		2	14 44	4 13	11 29	the two infortunes.
9		11	4	14	*		14 45	4 57	Morn.	we fear an appear-
10	□				6	□	14 46	5 45	0 39	ance of unhappy dif-
11	12					○	14 46	6 57	1 48	cords and divisions,
12					*		14 45	7 30	2 57	mutinies, and at thi-
13	*	8	*	6		21	14 43	8 25	3 58	time, more than or-
14	3	8	○	15	6		14 40	9 22	4 48	dinary matters, ei-
15			□		12		14 38	10 18	5 29	ther in council or in
16			6				14 36	11 14	5 59	action. All seem
17	6	Δ	Δ			6	14 30	0A 8	6 20	not well composd
18	18	16	10	*		21	14 22	1 30	Defets	and quiet in Germa-
19		□		2	*		14 18	1 53	7 16	ny : we fear heart-
20		16		□	○		14 12	2 46	8 45	burnings and new
21		*	8	6	□		14 5	3 40	10 13	divisions, with strong
22	*	17	9	Δ	4	*	13 57	4 36	11 59	animosities may un-
23	2			9	Δ	10	13 49	5 34	Morn	happily break out.
24	□				10		13 40	6 32	1 2	much detriment, if
25	9		Δ			□	13 30	7 29	2 19	not subversion of
26	Δ	6	18			○	13 19	8 23	3 21	some sea-town near
27	20	○		8		Δ	13 8	9 14	4 7	thereunto by violent
28			□	1	8	18	12 56	10 2	4 42	inundation of water.
29			○		10		12 45	10 45	5 8	May England have
										peace and prosperity
										for ever.

# March hath XXXI Days.

M	h	u
D	u	u
1	D	22
6	27	22
11	27	21
16	27	21
21	27	20
26	28	20

When they on Kingdoms smile and when they frown;  
 When Health they show, or Sickness they pretend;  
 When great Men rise to Honour, or fall down,  
 And when to Peace or War the Nations bend,  
 When let not Zoilus such a Truth molest,  
 'Tis his own'd by Virtue of *Probatum est*.

W	Sundays and	☉	☿	♂	♂	♀	♂	♂	Aspects and
D	Remark Days,	D	M	D	M	h	m	h	Weather
1	T David A. B. Mar.	11	30	18	7	13	1	23	Winds, and
2	W Chad. Bp. Litch.	12	30	0	19	14	2	25	probably some
3	T Mauritius	13	30	12	23	14	3	27	downfall at the
4	F Phocas	14	30	24	25	15	4	29	full-moon
5	S Prr. Hesse born	15	30	6	16	16	5	0	* ☉ ♂ mild
6	B 3 Sun. in Lent	16	30	18	8	16	6	2	for the season,
7	M Peptua	17	30	0	m	0	17	8	and overcast
8	T Regulus South	18	29	11	55	18	9	5	with showers
9	W 38 min. past 10	19	29	23	55	19	10	7	of rain or snow
10	T at Night	20	29	6	f	0	19	11	8 with sleet.
11	F Heraclius	21	29	18	25	20	12	10	
12	S Gregory M. B.	22	28	1	h	5	21	13	11 Gales of wind
13	B Mid-Lent Sund.	23	28	14	7	22	15	12	☐ 24 ♂ and
14	M Hydra's heart	24	28	27	34	22	16	13	serene air still
15	T South 47 min.	25	27	11	m	33	23	17	13 about the new
16	W past 9 at Night	26	27	25	58	24	19	14	moon, when
17	T St. Patrick	27	27	10	h	5	1	25	14 it alters
18	E Alexander	28	26	26	2	25	21	15	☐ ☉ h 10
19	S Prr. Lo. Anne b	29	26	11	h	21	26	22	15 cloudy, 24 2
20	B Passion Sund.	0	h	25	26	36	27	23	16 and, different
21	M Benedict Abbot	1	25	11	8	36	27	24	16 kinds of win-
22	T Alphrodosius	2	24	26	12	28	26	16	terly weather;
23	W Theodorus	3	23	12	h	22	28	27	R but you may
24	T Quirin Pigme	4	23	24	4	29	28	16	now expect
25	F Lady Day.	5	22	7	23	19	m	29	16 D. York born
26	S Daneb South	6	21	20	13	1	h	15	good weather
27	B Palm Sund.	7	20	2	h	47	1	2	15 for the season,
28	M at 11 at Night	8	19	15	6	2	3	14	with some
29	T Cyrillus	9	19	27	17	3	4	14	fruitful show.
30	W Guido	10	18	9	18	3	5	13	ers to the end
31	T Maundy Thurs	11	17	21	m	15	4	2	12 ☉ ☉

# Partridge. March, 1768.

	M	Jupiter	Venus
	D	South	South
Full Moon 3d Day at 2 Afternoon.	1	2 29	9 1
Last Quarter 11th Day at 6 at Night.	6	2 8	9 2
New Moon 18th Day at 4 Afternoon.	11	1 57	9 3
First Quarter 25th Day at 8 in Morning.	16	1 29	9 3
1st Day of S. at 6. 53. 8 at 8. 5. 8 at 10. 44.	21	1 7	9 4
16 Day of S. at 6. 0. 8 at 7. 56. 8 at 1. 2.	26	0 50	9 4

M. Lunar Aspects.							Clock	Moon	Moon	Observations.
D	☉	☿	♊	♋	♌	♍	toofast	South	sets.	
1		*	*				12 44	11 28	5 28	Good news arrive
2		18	8				12 32	Morn.	5 48	near this to the ad
3	8			Δ			12 19	0 9	7 1	rise vantage of the whole
4	2	☐		3	Δ	8	12 6	0 50	7 1	ination, but more par
5		5		☐	22	10	11 52	1 31	8 11	ticularly to the ad
6		Δ	6	20			11 38	2 13	9 19	venturous merchant
7		18	6		☐		11 23	2 56	10 28	On the 5th of thi
8	Δ			*	18		11 8	3 43	11 38	Month 1722, wa
9	17			15			11 53	4 32	Morn	born the Princess of
10					*	Δ	10 37	5 24	0 47	Hesse.
11	☐	8	*		10	4	10 21	6 13	1 49	The Corsairs of
12	6	16	6		☐	10	10 5	7 13	2 43	Tunis and Algiers
13	*		6		20		9 48	8 8	3 27	sufficiently active.
14	18		12	15			9 13	9 2	4 2	Many addresses ar-
15		Δ		6	*		9 31	9 55	4 28	rive from foreign
16	Δ	12		10	3		8 55	10 48	4 51	parts.
17		2	*				8 37	11 39	5 14	On the 19th da
18	6	☐		22			8 19	0 39	5 14	of this month 174
19	4	2	8	*	6		8 1	1 39	7 47	as born the hope
20	*	17	☐	18	6		7 43	2 30	9 18	1 Princess Louis
21		2		☐			7 24	3 30	10 48	ne.
22	*		Δ	☐			7 5	4 30	Morn	On the 25th o
23	11		Δ	3	0	*	6 46	5 29	0	this month, in th
24	☐	6	19	Δ	10		6 28	6 25	1 17	1739 was born
25	20	6		8	☐		6 9	7 18	2 11	the hopefull Prince
26		☐	8		17		5 59	8 7	2 51	dward Augustus
27	Δ		0	21	Δ		5 31	8 52	3 26	and Son to her Roya
28	10	*			22		5 13	9 35	3 42	Highness the Prin-
29	*	0					4 54	10 16	3 56	els. Dowager o
30		1		8			4 36	10 57	4 15	Wale., now Duke of
31	☐			14			4 17		4 26	ert.

# April hath XXX Days.

By Night we walk the Welkin to survey,  
And see how Madam Cynthia sweeps the Way  
With her fair Glory, silver-shining Rays,  
And all the little Stars about her blaze.  
Fixed in the Constellations of the Sphere,  
Both in the south and northern Hemisphere.

M	D	14
1	18	19
6	28	18
11	29	18
16	25	17
21	29	16
26	25	16

M	W	Sundays and	☉	☿	♂	♂	♀	♂	Aspects and
D	D	Remark. Days.	D	M	D	M	☿	♂	Weather.
1	F	Good Friday	12	16	3	19	5	8	10 As March end.
2	S	Amphion	13	15	15	1	6	9	ged so April be-
3	B	Easter Sunday	14	14	26	54	6	10	8 gins, weather
4	M	Easter Tuesday	15	13	8	48	7	11	7 besitting the
5	T	Easter Monday	16	12	20	52	8	13	6 Old Lady D.
6	W	Christus	17	11	2	59	9	14	6 season.
7	T	Euphemius	18	10	15	0	10	15	5 8 ☉ 14 Brisk
8	F	Daneb south	19	8	27	25	10	16	5 gales of wind
9	S	near 11 at night	20	7	10	15	11	17	5 and clear days.
10	B	Low Sunday	21	6	22	59	12	18	4 Some thunder
11	M	Julius	22	5	6	23	19	12	19 4 showers, inter-
12	T	Justinus	23	4	20	7	13	21	4 mixt with hail
13	W	Spica Virginis	24	2	4	15	14	22	D Serene and
14	T	S. at midnight	25	0	19	3	14	23	4 pleasant Days,
15	F	Anastatius	25	59	4	10	15	24	4 with cold
16	S	Amcestus	26	58	19	28	16	26	4 nights.
17	B	S. aft. Easter	27	56	4	47	17	27	5 Now cool and
18	M	Blutharius	28	55	19	56	17	28	5 * ☉ 1/2 cloudy
19	T	Alphage A. B.	29	53	4	11	18	29	6 ☐ 1/2 ♀ with
20	W	Term begins	0	8	52	19	5	19	6 storms of rain
21	T	Timon	1	50	2	55	19	2	7 or hail and per-
22	F	Solerius	2	49	16	17	20	3	7 haps claps of
23	S	St. George Mar.	3	47	29	14	21	4	8 thunder.
24	B	S. aft. Easter	4	45	11	49	21	5	8 Some fruitful
25	M	St. Mark Evang.	5	43	24	6	22	7	9 showers and
26	T	St. Anaclet	6	42	6	13	23	8	10 sunbiny days,
27	W	Walburga	7	40	18	11	24	9	11 and good and
28	T	Vitalis	8	38	0	5	24	10	12 seasonable
29	F	Tichicus	9	36	11	57	25	11	13 weather to the
30	S	Entropius	10	34	23	50	26	13	14 month's end.



# Partridge. April. 1765.

	M D	Jupiter South	Venus South
Full Moon 2d Day at 8 in Morning.	1	0 24	9 24
Last Quarter 10th Day at 8 in Morning.	6	0 2	9 55
New Moon 17th Day at 1 in Morning.	11	11 48	10 1
First Quarter 23d Day at 9 at Night.	16	11 22	10 7
1st Day $\frac{1}{2}$ S. at 5. 5. $\frac{1}{2}$ at 7. 46. $\frac{1}{2}$ at 11. 49.	21	11 0	10 11
16 Day $\frac{1}{2}$ S. at 4. 16. $\frac{1}{2}$ at 7. 35. $\frac{1}{2}$ at 10. 39.	26	10 46	10 14

M D	Lunar Aspects						Clock toofall	Moon South	Moon sets.	Observations
	$\odot$	$\frac{1}{2}$	$\frac{1}{4}$	$\delta$	$\frac{1}{2}$	$\frac{1}{4}$				
1	8	13		$\Delta$			3 42	11 38	D rise	The many secret
2	20		$\delta$	4		14	3 23	Morn	7 0	consultations of the
3		$\Delta$	6	$\square$			3 5	9 19	7 49	winter quarter seem
4		2		20	$\Delta$		2 47	1 2	9 2	to be now made ma-
5					4		2 20	1 47	10 19	nifest, though the ac-
6				*		$\Delta$	2 12	2 36	11 41	tions intended there-
7	$\Delta$		*	12	$\square$	6	1 54	3 27	Morn	by will not immedi-
8	7	8	7		$\square$		1 37	4 20	0 40	ately break out.
9	$\square$	4	$\square$		*	16	1 20	5 13	1 36	The $\delta$ of $\frac{1}{4}$ and $\odot$
10	20		16		14	*	1 3	6 6	2 22	in $\square$ of the late lunar
11			$\Delta$	$\delta$		20	0 47	6 59	2 49	eclipse deprives some
12	*	$\Delta$	20	11			0 31	7 50	3 10	judges or magistrates
13	6	16					0 15	8 42	3 31	and a crazy bishop
14		$\square$			$\delta$		flow	9 33	3 47	or bishops of their
15		16	8	*	8	$\delta$	0 16	10 26	4 0	lives. Much change
16	$\delta$	*	21	19		0	0 30	11 20	4 15	of offices and places
17	13	16		$\square$			0 45	0A20	D sets	of preferment, near
18				19	*		0 57	1 20	9 49	this month.
19			$\Delta$		13	*	1 10	2 22	10 38	In some countries
20	*	$\delta$	20	$\Delta$	$\square$	2	1 23	3 22	11 31	the coasts are not so
21	22	20		0	22	$\square$	1 36	4 21	11 50	clear, for there will
22			$\square$			8	1 49	5 18	Morn	happen strange con-
23	$\square$		1		$\Delta$	$\Delta$	2 1	6 9	0 9	troverlies betwixt
24	9		*	8	10	18	2 12	6 57	0 25	the n-bility, with
25		*	9	14			2 22	7 41	0 42	notable rumours and
26	$\Delta$	10					2 32	8 23	1 10	strange reports, with
27	1	$\square$					2 42	9 3	1 38	grumbling and re-
28		23			8		2 51	9 47	1 56	pining among the
29			$\delta$		22	8	3 0	10 24	2 19	common people in
30	$\Delta$		8	$\Delta$		2	3 8	11 7	2 53	many places of Eu-

rope.

# May hath XXXI Days.

To them the kingly Planets oft apply,  
Gilding the Morning and the Evening Sky,  
And give their Influence to Things below,  
Though many Critics would the same o'erthrow;  
But who is he that can, as Scripture says,  
Bind the sweet Influence of the Pleiades?

M	h	24
D	25	26
1	0	15
6	1	15
11	1	15
16	2	14
21	2	14
26	3	13

M	W	Sundays and	☉	♈	♉	♊	♋	♌	♍	♎	♏	Aspects and	
D	D	Remark. Days	D	M	D	M	☿	♀	♂	♂	♀	Weather.	
1	B	St. Phil. & James	1	33	5	46	27	14	15	8	14	♀ Wind	
2	M	St Athanasius	12	31	17	45	28	15	16	8	14	♂ ♂ ♀	
3	T	Inventio Crucis	13	29	29	50	28	17	17	♂	hazy show-		
4	W	Spica Virginis	14	27	12	♂	3	29	18	19	ers of hail or		
5	T	15 Minutes past	15	25	24	24	29	19	20	rain, cloudy			
6	F	10 at Night	16	23	6	♂	56	20	21	and sunset- Δ			
7	S	Stanislaus	17	21	19	41	1	21	22	h ♂ led air			
8	B	Rogation Sund	18	19	2	41	1	22	24	for some days.			
9	M	Herma.	19	16	16	2	2	23	25	Curious wea-			
10	T	Gordianus	20	14	29	4	3	25	27	ther, with			
11	W	Mamercius	21	12	13	♂	48	4	26	28	night dew.		
12	T	Ascension Day	22	10	28	15	4	27	8	Old May Day.			
13	F	Gliceria	23	8	13	♀	1	5	29	2	An healthful		
14	S	Bonifacius	24	6	28	1	6	8	3	air, intermixt			
15	B	6 S. aft. Easter	25	3	13	8	7	6	1	5	with showers		
16	M	Term ends	26	1	28	7	7	2	6	and * ♂ ♀			
17	T	St Honorius	26	59	12	II	52	8	3	8	brisk gales of		
18	W	Bernard transf.	27	56	27	14	9	4	10	wind.			
19	T	Q. Charlotte bo	28	54	11	25	10	10	6	12	Gentle breezes		
20	F	Hospitius	29	52	24	38	10	7	13	of wind, and			
21	S	Helena	0	II	49	7	39	11	8	15	mostly fair,		
22	B	Whit-Sunday	1	47	20	19	12	9	17	pleasant wea-			
23	M	Whit-Monday	2	45	2	40	12	10	19	ther.			
24	T	Whit-Tuesday	3	42	14	47	13	11	21	Cloudy and			
25	W	Ember Week	4	40	26	43	14	13	23	* ♂ ♀ inclin-			
26	T	St. Augustine	5	37	8	39	14	14	25	ed to storms of			
27	F	No real Night	6	35	20	32	15	15	27	hail and rain.			
28	S	but all twilight	7	32	2	27	16	17	29	Good pleasant			
29	B	Trinity Sunday	8	29	14	27	16	18	II				
30	M	Wigand	9	27	26	35	17	19	3	weather at the			
31	T	Petronelly	10	25	8	♂	50	18	21	5	month's end.		

Partridge, May, 1768.

Full Moon the 2d Day at 1 Morning.  
 Last Quarter 9th Day at 6 Afternoon.  
 New Moon 16th Day at 8 Morning.  
 First Quarter 23d Day at Noon.  
 Full Moon 31st Day at 3 Afternoon.  
 ☉ enters ♀ on the 20th Day 3 h. 27 m. p.m.

M	Jupiter	Venus
D	South	South
1	10 20	10 1
6	9 54	10 2
11	9 45	10 2
16	9 16	10 2
21	8 53	10 3
26	8 40	10 3

M	Lunar Aspects.						Clock	Moon	Rises	Observations.
D	☉	☿	♈	♉	♊	♋	to flow	South	& sets	
1	8	12		5			3 16	11 53	Drise.	Some Person who have been fraudulent Actors in their Trusts imposed on them, are now, or near this Time, most justly disgraced, degraded, and laid aside. God preserve the famous City of London, and her worthy Citizens, from dangerous diseases, and all other Casualties. May now and ever that famous Theroth of this Month 1744, was born our gracious Queen Charlotte, whom God long preserve for the good of the Protestant Religion in Great Britain in particular, &c. City be blessed with Qui-
2	13			□			3 23	Morn.	8 40	
3				20			3 27	0 40	9 45	
4		*		Δ	Δ		3 35	1 30	10 46	
5		8	6	*	12	14	3 40	2 22	11 35	
6	Δ	11	□	10			3 45	3 15	Morn.	
7	20		15		□	□	3 49	4 7	0 13	
8			Δ		3	5	3 53	4 59	0 44	
9	□		21	*	*		3 56	5 50	1 8	
10	9	Δ		6	16	19	3 58	6 40	1 28	
11	*	2		7			4 0	7 28	1 46	
12	16	□					4 1	8 18	2 4	
13		7	8				4 2	9 9	2 22	
14		*	2	*	6	6	4 2	10 3	2 44	
15	6	8		13	3	8	4 2	11 2	3 9	
16	20			□			4 1	0 A6	D sets	
17			Δ	16			4 0	1 8	9 A43	
18		6	2	Δ	*		3 58	2 9	10 47	
19		9	□	22	17	*	3 55	3 9	11 27	
20	*		6		2		3 51	4 3	11 56	
21	13		*		□	□	3 47	4 52	Morn.	
22			13		1	17	3 43	5 38	0 18	
23	□	*		8	Δ		3 38	6 31	0 36	
24	0	0		21	14	Δ	3 33	7 2	0 50	
25	Δ	□				16	3 27	7 42	1 4	
26	18	14	6				3 21	8 23	1 18	
27			10				3 14	9 5	1 32	
28		Δ					3 7	9 48	1 49	
29		0		Δ	8		2 59	10 34	2 10	
30				4	8		2 51	11 24	2 38	
31	8		*	□		17	2 42	Morn.	Drise	

M	4	4
D	5	5
1	4	13
6	5	13
11	5	D
16	6	13
21	6	13
26	7	13

Chronus and's Counsellor are got together, [they  
To raise Storms in Mens Minds, and various Wea-  
but Jove in Libra trines the Queen of Love,  
Their Banquet o'er, then onward both they move.  
Sol joins with Saturn, Saturn with Mars doth  
The slow pac'd Crab, to Penitence prepare. [squares

M.W.D	Sundays and Remark. days	○	°	'	"	δ	♀	♂	Aspects & Weather.
1 W	Nicodeme	11	22	21	17	16	22	8	Fine pleasant
2 T	Corpus Chrysti	12	19	3V	54	19	23	10	△ ○ ♀ △
3 F	Term begins	13	17	16	44	20	24	12	[ 4 ♀
4 S	K. Geo. III. b.	14	14	29	45	21	25	15	♂ ○ ♀ Air,
5 B	1 Sund. aft. Tr.	15	12	13 <del>xxx</del>	1	21	26	15	with brisk
6 M	Artemius	16	9	26	31	22	27	19	Winds, and
7 T	Flavia.	17	6	10X	16	23	29	21	mostly warm.
8 W	St. Medard	18	4	24	16	23	II	23	Some gentle
9 T	Omphirius	19	1	8Y	29	24	2	25	Rains, or
10 F	Prs. Amelia b.	19	58	22	56	25	3	28	Hail, with
11 S	St. Barnabas	20	56	78	32	25	4	30	flying Clouds,
12 B	2 Sund. aft. Tr.	21	53	22	12	26	5	2	cool Winds,
13 M	Atair So. at 15m	22	50	6II	48	27	6	4	♂ h ♀ and
14 T	past 2 Morn.	23	47	21	17	27	7	6	cloudy, with
15 W		24	45	55	25	28	8	8	gentle Show-
16 T	St. Ferrol	25	42	19	14	29	10	10	ers of Rain
17 F	St. Alban Mar.	26	39	26	40	Y	11	11	at or about
18 S	St. Marine	27	36	15	43	1	12	13	△ ♀ the
19 B	3 Sund. af. Tr.	28	34	28	25	1	14	15	new Moon.
20 M	Scorp. heart S.	29	31	10MR	58	2	15	17	Fine and plea-
21 T	39 m. past 9.	05	28	26	59	2	16	19	sant Days,
22 W	Term ends	1	25	40	59	3	17	21	with flying
23 T	Agrippina.	2	23	16	54	3	18	22	Clouds, -
24 F	St. John Baptist	3	20	28	47	4	19	24	which soon
25 S	Amphiarus	4	17	10M	45	5	21	26	bring Hail
26 B	4 Sund. af. Tr.	5	14	22	48	5	22	27	and Thunder,
27 M	Crescens	6	11	52	3	6	23	29	□ ○ ♂ and
28 T	Léo	7	9	27	29	7	25	31	♂ ○ h Rain
29 W	St. Peter & Paul	8	6	0V	12	7	26	2	□ h ♂ at
30 T	Com. Pauli	9	3	13	7	8	27	4	the Month's End.

Parridge, June 1768.										M	Jupiter	Venus
										D	South	South
Last Quarter the 8th Day at 1 Morning										1	8 10	10 39
New Moon the 14th Day at 5 Afternoon										6	7 42	10 43
First Quarter the 22d Day at 4 Morning										11	7 30	10 47
Full Moon the 30th Day at 4 Morning										16	7 7	10 59
1st Day $\frac{1}{2}$ s at 1 37. $\delta$ 6.40. $\eta$ 11.45										21	6 44	10 58
16th Day $\frac{1}{2}$ s at 0.44. $\delta$ 6.17. $\eta$ 1.2.										26	6 29	11 1
M. Lunar Aspects.							Clock	Moon	D rise	Observations.		
D	$\odot$	$\frac{1}{2}$	$\frac{1}{4}$	$\delta$	$\eta$	$\gamma$	too slow	South	& sets			
1	3	8	9	20			2 34	1 9	9 30	Vivat Rex c		
2		18	$\square$				2 25	2 2	10 2	Regina.		
3			17	*	$\Delta$		2 15	2 55	10 45	The 4th Day o		
4				6	16		2 5	3 46	11 11	this Month, 1738		
5	$\Delta$		$\Delta$			$\Delta$	1 54	4 35	11 31	was born his pre-		
6	4	$\Delta$	0		$\square$	8	1 43	5 23	11 51	sent most gracious		
7	$\square$	14		6	8	$\square$	1 32	6 11	Morn.	Royal Majesty		
8	13	$\square$		22	*	22	1 21	7 0	0 7	King GEORGE		
9	*	17	8		12		1 9	7 51	0 24	III. whom God		
10	19	*	8		*		0 57	8 45	0 42	preserve and bless		
11		20				10	0 49	9 42	1 4	with Grace, Wis-		
12				*	6		0 33	10 43	1 24	dom and Under-		
13			$\Delta$	7	23		0 29	11 45	2 13	standing; & grant		
14	6		11	$\square$			0 9	0 A 48	sets	that he may long		
15	5	6	$\square$	10		6	fast 4	1 48	1 15	preside over these		
16		1	14	$\Delta$		9	0 17	2 37	9 51	Realms, to the		
17			*	17	*		0 29	3 35	10 15	Honour & Glory		
18	*		19		14		0 42	4 10	10 34	of God, and true		
19	22	*			$\square$		0 55	4 52	10 50	Happiness of all		
20		16			15	*	1 8	5 33	11 4	his loyal Subjects.		
21	$\square$			8	14		1 21	6 14	11 19	to which let al		
22	16	$\square$	6	20			1 33	6 55	11 33	true Protestants &		
23		4	16		$\Delta$	$\square$	1 46	7 38	11 50	Subjects say Amen		
24	$\Delta$	$\Delta$			3	14	1 59	8 22	Morn.	The 10th of this		
25	12	16					2 12	9 11	0 9	Month 1711, was		
26					$\Delta$		2 25	10 3	0 32	born the hopeful		
27			*	$\Delta$		9	2 37	10 57	1 4	Princess. Amelia		
28			16	2	8		2 49	11 51	1 46	Sophia, 2d Daugh-		
29	8	8		$\square$	16		3 1	Morn.	2 39	ter to his late Ma-		
30	16	13	$\square$	11			3 13	0 44	sets	jesty King George,		
										the Secor		

# July hath XXXI Days.

Mars is in Aries, and but slowly moves  
 To scourge poor Jove in Libra, for he loves  
 To fish in troubled Waters.—He creates  
 Great Contradictions to the humble States.  
 He torments many with distemper'd Lungs,  
 The Cough and Pufic, and with Womens Torques.

M	h	u
D	5	1
1	8	14
6	8	14
11	9	14
16	9	15
21	10	16
26	11	16

M	W	Sundays and	☉	☿	♂	♀	♂	♀	♂	Aspects &
D	D	Remark. Days.	°	'	°	'	°	'	°	Weather.
1	F	Theobald	10	0	26	19	8	28	5	Good plea-
2	S	Visit. B. V. M.	10	57	9	15	9	29	6	sant Weather
3	B	5 Sund. aft. Tr.	11	54	23	24	10	5	7	intermixed
4	M	Transf. St. Mart.	12	51	7	14	10	1	9	with Show-
5	T	Ulrius	13	48	21	13	11	3	10	Old Midf. d.
6	W	Nicrostratus	14	46	5	19	11	4	11	☐ ☉ ♀
7	T	Tho. a Becket	15	44	19	30	12	6	21	ers. Brisk
8	F	Cyrrillus	16	41	3	44	13	7	13	Gales, [♂ ♀
9	S	Chilianus	17	38	17	58	14	8	14	♂ ♀ ♀ 8
10	B	6 Sund. aft. Tr.	18	35	2	18	14	9	15	Δ ♂ ♀ *
11	M	St. Benoir.	19	32	16	10	15	10	16	♂ ♀
12	T	Nabor Fel.	20	29	0	5	19	15	12	and hasty
13	W	Mildreda	21	27	14	5	16	13	18	Storms of
14	T	Bonaventure	22	24	27	37	17	14	19	Rain or Hail
15	F	St. Swithin	23	21	10	5	17	15	20	☐ ♀
16	S	Fauftus.	24	18	23	47	18	17	20	Thunder and
17	B	7 Sund. aft. Tr.	25	16	6	18	26	18	21	☐ ♂ ♀
18	M	St. Thomas Aq.	26	13	18	49	19	19	21	Lightning
19	T	Faukulus.	27	10	0	5	20	20	22	near the new
20	W	Margaret V & M.	28	8	12	55	20	22	22	Moon.
21	T	Peg. vad	29	5	24	54	21	23	22	Showry Wea-
22	F	Q. Denmark b.	0	2	6	47	21	24	23	St. M. Mad.
23	S	Christiana	1	0	18	44	22	25	23	ther still con-
24	B	8 S. aft. Trinity	1	57	0	49	22	26	23	tinues. More
25	M	St. James Ap.	2	54	13	6	23	28	R	favourable.
26	T	St. Annē, v.m.b.	3	52	25	41	23	29	23	Moderate
27	W	Atair South 18	4	49	8	32	24	5	23	Rains, with
28	T	minutes past 11	5	46	21	45	24	1	23	flying Clouds.
29	F	at Night	6	44	5	18	25	3	22	Fair and hot
30	S	Dog-days begin	7	42	19	10	25	4	22	at the End.
31	B	9 S. aft. Trinity	8	39	3	17	26	5	21	

# Partridge, July, 1768.

Last Quarter the 7th Day at 7 Morning  
 New Moon the 14th Day at 2 Morning  
 First Quarter the 21st Day at 9 at Night  
 Full Moon the 29th Day at 2 Afternoon  
 1st Day h s. 11.56. δ 5.51. ♀ 1.45.  
 16th Day h s at 10.54. δ at 5.24. ♀ 1.44.

M	Jupiter	Venus
D	South	South
1	6 7	11
6	5 40	11 1
11	5 28	11 1
16	5 11	11 2
21	4 51	11 3
26	4 41	11 9

## M Lunar Aspects.

D	☉	☿	♈	♉	♊	♋	too fast	South	D rise & sets	Observations.
1			o			8	3 24	1 36	9A.9	The Month be
2			Δ *			17	3 36	2 26	9 33	gins under the Go
3			9 c	Δ			3 47	3 13	9 51	vernment of mal
4	Δ	Δ			12		3 57	4 3	10 9	Aspects, viz. ☐, o
5	10	2			☐		4 7	4 54	10 26	☉, and ♀, from
6	☐	☐	8	♈	22	Δ	4 17	5 31	10 43	cardinal Signs, and
7	19	6	16	10		19	4 26	6 33	11 4	the ♀ of ♀, and
8	*	*			*	☐	4 35	7 28	11 50	♂ from the sam
9	23	5			7	19	4 43	8 25	Morn.	do manifest super
10			Δ *				4 52	9 26	o 4	lative Actions and
11			21 22		*		5 1	10 26	o 49	Councils. An
12		♈			♈	o	5 9	11 25	1 47	Facts, Councils
13	♈	15	☐	☐	22		5 16	o A.22	2 58	and Matters c
14	14		o	3			5 22	1 11	D sets	old standing, seer
15			*	Δ	♈		5 28	1 58	8A.34	called in question
16			7 11		17		5 33	2 42	8 51	A great Chang
17		*					5 38	3 23	9 7	of supreme Offi
18	*	7			*		5 42	4 5	9 21	cers in most King
19	6	☐			o		5 46	4 47	9 36	doms under Arie.
20		14	♈	8	☐		5 49	5 29	9 51	which are France
21	☐		4 14	12	*		5 52	6 19	10 9	England, Germany
22	9	Δ			o		5 54	7 0	10 31	Denmark, &c. an
23		5			Δ	☐	5 56	7 50	10 58	as high Council
24	Δ				12	8	5 57	8 42	11 35	as ever in th
25	2	*	Δ		Δ		5 57	9 32	Morn.	Kingdom of Po
26			6 20		18		5 57	10 35	o 25	land; wherein, i
27		8	☐				5 57	11 24	1 25	present, unhear
28		1	15	☐	8		5 56	Morn.	2 56	of and strang
29	8		Δ	4	20		5 54	o 17	D rise	Consultations at
30	2		19	*	8		5 52	1 9	7A.54	managed with
31		Δ		10			5 49	1 50	8 15	strong hand

# August hath XXXI Days.

Shall we not hope? shall not the loving Rays  
Of the Etrian proclaim some happy Days?  
God rules the Hearts of Princes, doth incline  
To Peace or War, to bring on his Design.  
May they be blest, and crown'd with Dignity,  
That are Peace-Makers in Sincerity.

M	D	h	u
1	12	17	
6	12	18	
11	12	18	
16	13	19	
21	14	20	
26	14	21	

M	W	Sundays and	o	Ω	ν	✕	δ	♀	♂	Aspects &
D	D	Remark. Days	°	'	°	'	°	'	'	Weather
1	M	Lammas-day	9	36	17	35	26	6	20	Brisk Gales of
2	T	Moses	10	34	17	58	27	7	19	Wind, & sea-
3	W	Lyra South 28m	11	31	16	20	27	8	19	sonable Wea-
4	T	past 8 at Night	12	29	08	18	28	10	18	ther, gladen-
5	F	Stephanus	13	26	14	49	28	11	17	ing the Har-
6	S	Transfiguration	14	24	28	51	29	12	17	vest Man's
7	B	10 Sund. aft. Tr.	15	21	12	45	29	14	16	♂ ☉ ♀
8	M	Cyriacus	16	19	26	27	0	15	15	♂ ♀ ♀
9	T	Romanus	17	16	9	59	0	16	15	Heart. Ex-
10	W	St. Lawrence	18	14	23	20	1	17	14	* ☉ ♀ pect
11	T	Fr. Brunsw. b.	19	12	6	29	1	18	13	some Showers
12	F	Pr. Wales born	20	9	19	25	2	19	12	♂ ☉ ♀ of
13	S	Marcellus	21	7	2	NR	8	21	12	Rain, with
14	B	11 Sund. aft. Tr.	22	5	14	37	3	22	11	Thunder and
15	M	Assumption B.V.	23	2	26	49	3	23	11	Lightning, at
16	T	Fomalhaut Sou	24	0	9	14	25	D	11	Pr. Fred. b.
17	W	5om. past midn.	24	58	20	59	4	26	11	or near the
18	T		25	56	2	53	4	27	11	New Moon.
19	F	Marchab S. 3om	26	54	14	44	5	29	11	Good Wea-
20	S	St. Bern. transf.	27	51	26	40	5	NR	12	ther may at
21	B	12 S. aft. Trin.	28	49	8	43	5	1	12	this Time be
22	M	past midnight	29	47	20	55	6	2	13	expected.
23	T		0	NR	45	3	32	6	13	Ruffling
24	W	St. Bartholomew	1	43	16	27	6	4	14	Winds, fair
25	T	Zephirinus	2	41	29	48	7	6	15	and dry, may
26	F	Ludovicus	3	39	13	35	7	7	16	Δ ♂ ♀ con-
27	S	Rufinus	4	37	27	47	7	8	17	tinue for some
28	B	13 Sund. af. Tr.	5	35	12	19	8	10	18	Days. Clouds
		Jo. Bap.	6	33	27	3	8	11	19	bringing some
		entia	7	31	11	54	8	12	20	* ♀ ♂ Sho-
		rius	8	29	26	40	8	14	21	Δ ☉ ♂ wers



# Partridge, August, 1768.

Last Quarter the 5th Day at 9 Morn.  
 New Moon the 12th Day at 1 Aftern.  
 First Quarter the 20th Day at 2 Aftern.  
 Full Moon the 27th Day at Midnight.  
 1st Day  $\frac{1}{2}$  S. at 10.0.  $\delta$  4.54.  $\eta$  0.38.  
 16th Day  $\frac{1}{2}$  S. at 9.10.  $\delta$  4.22.  $\eta$  11.4.

M	Jupiter	Venus
D	South	South
1	4 15 11	4
6	4 0 11	5
11	3 46 11	5
16	3 27 0	
21	3 10 0	1
26	2 59 0	1

M	Lunar Aspects.						Clock	Moon	D	rise		Observations.	
D	☉	☿	♊	♋	♌	♍	toofast	South	&	sets			
1		9					5 45	2 48	8 A	31		Great Things ar	
2	Δ	□			Δ		5 41	3 39	8	49		now in Agitation	
3	19	19	8	6	8	Δ	5 36	4 32	9	10		greater are in ex	
4	□	*	2	21	□	5	5 30	5 26	9	34		pectation, and ver	
5	21	20			8	1	5 23	6 32	10	7		great will be th	
6						4	5 16	7 20	10	46		Result.	
7	*		Δ		*	*	5 9	8 18	1	39		Many Turning	
8	5		7	*	2	6	5 0	9 11	Morn.			and Overturning	
9		6	□	7			4 53	10 11	0	44		in Kingdom	
10		4	15	□			4 44	11 3	1	58		States, and R	
11			*	15	6		4 35	11 53	3	16		The 11th.	
12	6		22		6	13	4 25	0 A	37	D	sets	this Month, 17	
13	1	*		Δ	0		4 15	1 21	7 A	15		was born the Pri	
14		21		0			4 4	2 4	7	30		cess of Brunswi	
15							3 52	2 45	7	46		first Daughter	
16		□	6		*		3 39	3 27	7	58		her Royal Hig	
17	*	8	20	*	4		3 26	4 11	8	18		ness the Princ	
18	8	Δ		8	10	□	3 14	4 57	8	40		Dowag. of Wal	
19		21		3	19		2 58	5 45	9	2		publicks.	
20	□			□			2 44	6 36	9	35		Good News	
21	2			8	Δ		2 29	7 28	10	17		have, that his M	
22	Δ	*		Δ	6		2 14	8 21	11	12		esty of Great B	
23	18	8	0	Δ	23		1 59	0 15	Morn.			tain's Prantatic	
24		20	□	6			1 43	10 9	0	17		in the West Ind	
25			7	□			1 27	11 1	1	32		both the Mar	
26			Δ	12	8		1 13	11 52	2	55		and on the Cor	
27	8		11	*	8	6	0 53	Morn.	D	rife		nent, are in ge	
28	12	Δ		16	21		0 36	0 43	6 A	41		Order, and th	
29		3					0 18	1 35	7			feed's good l	
30		□	8		Δ		0 0	2 29	7	19		turns of Merch	
31		2	16	6	16	Cl. flo.	3 24	7 45				Ships.	

M	h	4
D	5	21
1	15	22
6	16	23
11	16	24
16	16	25
21	17	26
26	17	27

Saturn and Venus cloud the Air, would fain  
Afford us Showers of refreshing Rain,  
But Mercury to his royal Master doth apply,  
And by his Influx makes the Weather dry.  
We hope the Husbandman will not complain,  
The Season's good to house his latter Grain.

M D	W D	Sundays and Remark. Days.	☉	☿	♂	♀	♂	Aspects and Weather.
1	T	Giles Abbot	9	28	11	15	9 15 24	* ♄ ♀
2	F	London b. O.S.	10	26	25	34	9 16 25	Windy, with
3	S	Gregory	11	24	9	37	9 17 27	Showers.
4	B	14 S. aft. Trinity	12	22	23	24	10 18 29	Winds clear-
5	M	Victorious	13	20	6	49	10 19	ing the Air,
6	T	Fauftius.	14	19	20	42	10 20	and generally
7	W	Dog-days end	15	17	3	Ω	10 22	4 good Weather
8	T	K. Geo. III.	16	15	15	51	10 23	6 * ☉ ♄ for
9	F	married.	17	14	28	28	10 24	8 the latter
10	S	Gorgonius	18	12	10	54	11 26 10	Harvest.
11	B	15 S. aft. Trinity	19	11	23	11	11 27 12	Cold and
12	M	Vincentius	20	9	5	18	11 28 14	cloudy, with
13	T	Amantius.	21	8	17	20	11 29 16	some small
14	W	Holy Rood-day	22	7	29	14	11 29 18	Showers.
15	T	Nicomede	23	5	11	17	11 20	Ruffling
16	F	Lambert	24	4	22	56	11 3-21	Winds, but
17	S	16 S. aft. Trinity	25	2	4	48	11 5 23	mostly fair.
18	B	Fauftina Virg.	26	0	16	48	11 6 25	♄ ☉ ♄ The
19	M	Columba.	26	59	29	1	11 7 27	Weather con-
20	T	St. Matth Ap.	27	58	11	31	11 8 29	tinues mode-
21	W	K. G. III. crown	28	57	24	23	11 9 2	rate for some
22	T	Linus	29	55	7	42	11 11 2	Days. Windy
23	F	Winibald	0	54	21	30	11 12 3	and perhaps
24	S	17 S. aft. Trinity	1	53	5	48	11 13 5	some small
25	B	Cyprian	2	52	20	32	11 15 7	Rains. Fair
26	M	Cas & Cam	3	51	5	35	11 16 9	and dry, and
27	T	Privatus	4	50	20	47	11 17 11	☐ ♄ ♀ per-
28	W	St. M. A. Ang.	5	49	5	57	11 18 13	haps cold for
29	T	St. Jerome	6	48	20	53	11 19 15	Pro Ch. A. M
30	F		7	47	5	29	11 20 17	the Season.

# Partridge. September 1768.

Last Quarter the 3d Day at 3 Aftern.

New Moon the 11th Day at 4 Morning

First Quarter 19th Day at 8 Morning.

Full Moon the 26th Day at 7 Morning.

1st Day  $\frac{1}{2}$  s at 8.19.  $\delta$  3.44.  $\eta$  11.3.

16th Day  $\frac{1}{2}$  iss. at 7.30.  $\delta$  2.59.  $\eta$  11.52.

M	Jupiter	Venus
D	South	South
1	2 39	0 2
6	2 19	0 2
11	2 13	0 3
16	1 54	0 3
21	1 39	0 4
26	1 31	0 4

M	Lunar Aspects.						Clock	Moon	Rises	Observations.
D	$\odot$	$\frac{1}{2}$	$\Delta$	$\delta$	$\eta$	$\square$	to flow	South	& sets	
1	20	*		20	$\Delta$		0 38	4 20	8 A 15	On the 2d, 3d
2		7			7	$\square$	0 57	5 19	8 52	4th and 5th Day
3	$\square$		$\Delta$		$\square$	0	1 16	6 18	9 42	of this Month Old
4	3		22		9	*	1 35	7 17	10 41	Stile, or the 13th
5	*	$\delta$		*		11	1 55	8 14	11 55	14th, 15th & 16th
6	11	18	$\square$	6	*		2 15	9 6	Morn	according to the
7			5	$\square$	0		2 35	9 55	1 10	New, 1666, wa
8			*	14			2 55	10 40	2 26	the glorious City
9			12	$\Delta$			3 15	11 24	3 41	of London burnt by
10	$\delta$	*		23	$\delta$		3 35	0 A 7	4 52	those vile Incendi
11	16	10			$\delta$	0	3 56	0 49	5 sets	aries the Papiſts
12		$\square$			8		4 17	1 30	6 A 14	therefore let the
13		22	$\delta$				4 38	2 14	6 32	Remembrance o
14			14				5 0	2 59	6 51	that memorable
15		$\Delta$		8	*		5 21	3 47	7 16	Year of our Lord
16	*	7		0		22	5 42	4 35	7 45	beingraven in in
17	2				*		6 3	5 26	8 22	deliable Charact
18	$\square$		*		0	$\square$	6 24	6 19	9 11	ers on the Hearts
19	20		15		$\square$	19	6 45	7 11	10 10	of Posterity, to
20		8		$\Delta$	12		7 6	8 3	11 19	make them abhor
21	$\Delta$	12	$\square$	0	$\Delta$	$\Delta$	7 26	8 55	Morn.	& detest Popery,
22	9		4	$\square$	6	13	7 47	9 46	0 36	and all such vile
23			$\Delta$	6			8 7	10 38	1 55	Popish Incendia
24		$\Delta$	9	*			8 27	11 31	3 18	ries. Let it remain
25	8	19			8		8 47	Morn.	4 44	a Monument o
26	19	$\square$			8	8	9 7	0 24	5 rise	Gratitude to God,
27		20	8		16	6	9 27	1 20	5 57	of Caution to Eng
28	*		9	$\delta$			9 46	2 19	6 23	land, and Protest
29		19		9			10 6	3 18	6 59	ants in general, &
30	$\Delta$				$\Delta$		10 36	4 20	7 48	Shame to Rome,

# October hath XXXI Days.

Love and Venus conjoining clear the Air,  
High Winds disperse the Clouds, and make it fair,  
Which favours much the Seedsman; may his Pain  
Be still rewarded with sufficient Gain.  
But Sol and Saturn's Aspects cloud the Sky,  
We hope for better Weather by and by.

M	D	h	u
1	17	28	
6	18	29	
11	18	29	
16	18	17	
21	18	2	
26	18	3	

W	Sundays and	o	u	D	H	δ	♀	♂	Aspects and
D	Remark. Days	o	u	D	H	δ	♀	♂	Weather.
1	S Remigius Bish.	8	47	19	42	10	22	18	Blustering
2	B 18 Sund. aft. Tr.	9	46	3	20	10	23	20	Winds and
3	M St. Denis. Areo	10	45	16	35	10	24	21	generally fair
4	T Franciscus.	11	44	0	0	10	26	22	producing a
5	W Thracia	12	44	12	48	10	27	24	good Wheat
6	T St. Bruno	13	43	25	28	9	28	25	♂ 24 ♀ Seed
7	F St. Sergius	14	42	7	45	9	29	27	Time for the
8	S St. Demetrius	15	42	19	58	9	17	29	laborious and
9	19 Sund. aft. Tr.	16	41	2	4	9	2	17	industrious
10	M Old Mich. Day	17	41	14	4	8	3	2	☐ ☉ ♄ Far-
11	T Nicasius Ear.	18	40	26	1	8	4	3	mer. Cold and
12	W Welfridus	19	40	7	50	8	5	4	cloudy for
13	T Trans. K. Edw.	20	39	19	39	7	7	6	♂ 8 ♀ 8 ♂
14	F Fomelhaut Sou.	21	39	1	29	7	8	8	♀ 6 ♀ 8
15	S 24 p. 9 Night	22	38	13	23	7	9	9	some Days,
16	B 20 Sund. aft. Tr.	23	38	25	33	6	11	11	with plenti-
17	M Etheldred Virg.	24	38	7	35	6	12	12	ful Showers
18	T St. Luke Evan.	25	37	20	3	6	13	13	of Rain or
19	W Marchab South	26	37	2	50	5	14	15	Hail. Now
20	T 15m. past 9 N.	27	37	16	3	5	16	16	more mild &
21	F	28	37	29	43	5	17	17	favourable
22	S Cordula	29	37	13	54	4	18	19	Fair and cool
23	B 21 Sund. af. Tr.	0	36	28	34	4	19	20	with Morn-
24	M Salome Felix	1	36	13	28	4	20	21	ing Frosts.
25	T K. Geo. III. A.	2	36	28	55	3	22	23	♂ 8 ♀ 8
26	W K. Geo. III. Pr.	3	36	14	16	3	23	24	☉ 8 ♄ 4 ♂
27	T Florentius	4	35	29	27	3	24	25	Blustering
28	F St. Simon & Jude	5	36	14	20	3	26	27	Winds, with
29	S Narcissus	6	36	28	47	2	27	28	Hail & Rain,
30	E 22 Sund. aft. Tr.	7	36	12	48	2	28	29	and Thunder.
31	M Wolfgang	8	37	26	20	2	29	1	

# Partridge, October; 1768.

Last Quarter the 2d Day at Midnight  
 New Moon the 10th Day at 8 Night.  
 First Quarter the 18th Day at 11 Night.  
 Full Moon the 25th Day at 6 at Night.  
 1st Day h s 6.40. δ 2.1. ♀ at 0.33.  
 16th Day h s 5.47. δ 2.49. ♀ at 1.4.

M	Jupiter	Venus
D	South	South
1	1 13	0 5
6	0 58	0 5
11	0 48	0 5
16	0 30	1
21	0 14	1 1
26	0	1 1

## Lunar Aspects.

D	☉	☽	♂	♀	♂	♂	Clock too slow	Moon South	☽ rise & sets
1	5	Δ		Δ	21		10 45	5 27	8 47
2	□	17	*	4			11 3	6 19	9 59
3	12	♂	□	12	□	□	11 21	7 12	11 10
4		1	22	□	14	14	11 38	8 1	Morn.
5	*			19			12 55	8 4	0 36
6	0	*		*	*		12 11	9 32	1 40
7	*	8	Δ	6	0		12 27	10 13	2 51
8		20		3			12 42	10 54	4 2
9							12 58	11 36	5 11
10	♂	□					13 14	0 A 23	☽ sets
11	8	8	♂	♂	♂		13 29	1 6	5 A 7
12		Δ	6	8	20	17	13 44	1 52	5 28
13		20		1			13 58	2 40	5 55
14							14 11	3 30	6 29
15	*						14 24	4 20	7 14
16	20	*	Δ				14 36	5 12	8 9
17		8	10	21	*	*	14 48	6 2	9 13
18	□	20	□		8	8	14 59	6 53	10 25
19	11		22	□			15 9	7 47	11 41
20	Δ			4	□	□	15 19	8 32	Morn.
21	22		*	0	0		15 28	9 22	0 58
22		Δ		8	Δ	Δ	15 36	10 16	2 18
23		8	Δ		6	8	15 48	11 10	3 42
24		□					15 54	Morn.	5 10
25	8	9	8	♂			16 0	0 7	☽ rise
26	6	*	7	♂	8	8	16 8	1 7	4 A 59
27		6			16	18	16 9	2 10	5 42
28							16 11	3 14	6 28
29	Δ		Δ	*			16 12	4 13	7 45
30	14	♂	5	5			16 13	5 10	9 1
31		9	□	□	Δ	Δ	16 14	6 2	10 19

## Observations.

Four of the  
 Planets change  
 their Signs this  
 Month, and  
 changes twice  
 Can we think this  
 all this should be  
 for nothing? No  
 all great Council  
 or Treaties are  
 now at a Stand  
 or very like to de  
 termine in vain  
 Multiplicity of  
 News arrives in  
 England; pestifer  
 and seditious Pam  
 phlets printed and  
 dispersed to the  
 great Scandal of  
 that Authority  
 that gives them  
 Protection — but  
 yet some pragmatic  
 Persons are called  
 in question  
 May all Disturbances  
 of England's Peace  
 be rewarded accordingly.

# November hath XXX Days.

Some busy Wits disturb the crazy Brain  
 O'th' Vag'ar, some libel, some complain  
 Against some great Grandee, who all the while,  
 Not much concern'd, securely doth smile,  
 And expects greater Honour, yet happier he,  
 Who in a low Condition resteth free.

M	D	h	m
1	R	5	6
6	18	7	8
11	18	9	10
16	18		
21	18		
26	17		

M	D	Sundays and Remark. Days	☉	☿	♂	♀	♂	♀	Aspects and Weather.
1	T	All Saints.	9 37	9 28	1	1	2	Variable &	
2	W	All Souls	10 37	22 15	1	2	3	unconstant	
3	T	Winifride	11 37	4MR 44	1	3	4	Weather.	
4	F	Amantius	12 37	17 00	4	4	6	Gold and in-	
5	S	Powder Plot	13 38	29 00	5	5	7	clined to Frost	
6	E	23 S. aft. Trinity	14 38	11 4	Y	6	8	Rain or	
7	M	Term begins	15 38	22 58	29	8	8	D. Cumb. b.	
8	T	Claudius	16 39	4M 49	29	9	9	♂ ♀ ☿	
9	W	Lord Mayors D.	17 39	16 39	29	10	10	Δ ☉ ♄	
10	T	Tryphon	18 40	28 30	29	12	11	Snow, with	
11	F	St. Martin	19 40	10 24	28	13	11	a dark and	
12	S	Ludovicus	20 41	22 24	28	14	12	cloudy Air for	
13	B	24 S. aft. Trinity	21 41	4Yp 30	28	16	12	some Days.	
14	M	Philemon	22 42	16 4	28	17	12	Flying Clouds	
15	T	Machutus	23 43	29 19	28	18	R	with Winds,	
16	W	Ormardus	24 43	12 8	28	19	12	bringing	
17	T	Hugh Bif. Linc	25 44	25 17	27	20	12	Rain or Snow	
18	F	Fomelhaut S. at	26 44	8X 51	27	21	12	Misty Morn-	
19	S	7 at Night.	27 45	22 49	27	23	11	ings, with	
20	B	25 S. aft. Trinity	28 45	7Y 14	27	24	10	foggy Days.	
21	M	Present Mary	29 46	22 4	27	25	9	Temperate	
22	T	St. Cecile	♂ 47	7♄ 5	27	27	8	and mild for	
23	W	St. Clement	1 47	22 18	27	28	7	the Season.	
24	T	Christian	2 48	7II 32	27	29	6	An overcast	
25	F	Duke of Glo. b	3 49	22 25	27	V8	4	♂ ☉ ♀ Air	
26	S	Conradus	4 50	7☿ 2	D	2	3	with Morn-	
27	B	Advent Sund.	5 51	21 12	27	3	2	ing Frosts,	
28	M	Term ends	6 52	4♄ 6	27	4	M	Snow, or	
29	T	Saturnus	7 53	18 14	27	5	29	Sleet may be	
30	W	St. Andrew	8 53	1MR 4	27	6	28	expected.	
		Pr. D. Wales. b							

# Partridge. November 1768.

Last Quarter the 1st Day at Noon.

New Moon 9th Day at 2 Afternoon.

First Quarter the 17th Day at 1 Aftern.

Full Moon the 24th Day at 4 Morning.

1st Day h s. 4.27. δ at 11.27. ♀ 1.49.

16 Day h s. at 3.45. δ 10.12. ♀ 1.11.

M	Jupiter	Venus
D	South	South
1	11 39	1 2
6	11 22	1 3
11	11 9	1 3
16	10 51	1 4
21	10 33	1 5
26	10 23	1 5

M	Lunar Aspects						Clock	Moon	Drises		Observations.
D	☉	☿	♈	♉	♊	♋	toeflow	South	&	sets	
1	☐		15	10	6	8	16.14	6 49	11A	34	Jucunditas Con
2	○			Δ	☐	☐	16 14	7 34	Morn.		dilest vitæ hemin
3	*		*	15	20	11	16 13	8 18	0	56	The 5th of thi
4	14	*	2				16 11	8 58	1	55	Month, 166, wa
5		2			*	*	16 8	9 39	3	5	the Popish Pow
6		☐			9	11	16 5	10 20	4	13	der Plot, whic
7		13		8			16 1	11 3	5	21	by true Protest
8			6	12			15 56	11 46	6	29	ants ought neve
9	6	Δ	2				15 50	0A38	7	sets	to be forgot.
10	2	3					15 43	1 27	4A	34	The 7th of thi
11					6	6	15 35	2 18	5	15	Month, 1745. wa
12				Δ	5	1	15 26	3 9	6	6	born the hopefu
13			*	12			15 16	3 58	7	7	Duke of Cumber
14	*	8	5	☐			15 5	4 47	8	14	land, 4th Son o
15	13	4	☐	22			14 54	5 38	9	27	her Royal High
16			15	*	*		14 42	6 23	10	41	ness the Prince
17	☐		Δ	*	13	0	14 29	7 10	11	57	Dowager of Wales
18	1	Δ	23	3		☐	14 16	7 59	Morn.		The 25th of thi
19	Δ	17			☐	6	14 1	8 50	1	16	Month 1743. wa
20	8	☐			0	Δ	13 43	9 45	2	38	born the hopefu
21		15		6	Δ	5	13 29	10 43	4	2	Duke of Glouces
22		*	8	8	5		13 12	11 44	5	30	ter, third Son o
23	8	15	4			8	12 54	Morn.	6	57	her Royal High
24	16					23	12 36	0 47	Drise		ness the Prince
25				*	8		12 18	1 52	5A	16	Dowager of Wale
26		6	Δ	8	12		11 59	2 52	6	34	And on the 30th
27		19	4	☐		Δ	11 39	3 47	7	52	1719, was born
28	Δ		☐	10		16	11 17	4 37	9	10	her Royal High
29	4			7	Δ	☐	10 55	5 24	10	36	ness the Prince
30	☐		*	17	Δ	19	10 32	6 8	11	39	Dowager of Wale

# December hath XXXI Days.

Here ends December, bringing up the Rear,  
And after it, in Order, the next Year  
Comes marching on with Speed; observe we may,  
Time steals upon us, and soon slides away.  
Short are the Days, short are our Lives, and we  
Must shortly hence, and shall translated be.

M	D	h	u
1	17	11	
6	17	12	
11	17	13	
16	16	14	
21	16	15	
26	15	16	

M	W	Sundays and Remark. Days.	☉	☿	♂	♂	♂	♂	♂	Aspects and Weather.
D	D		°	'	°	'	°	'	°	
1	T	Virgilius	9	55	13	37	27	8	27	No great Al-
2	F	Cand(dus	10	55	25	53	27	9	27	teration at
3	S	Cassianus	11	56	7	55	27	10	26	present, fair
4	B	2 Sund. in Adv	12	57	19	53	27	11	26	and frosty at
5	M	Sabæa	13	58	1	44	27	13	D	* 14 & this
6	T	Nicholas. Bis.	14	59	13	34	27	14	26	Time. Cold
7	W	Ambrosius	16	0	25	26	28	15	26	raw Weather
8	T	Conc. B.V.M.	17	1	7	24	28	16	27	at the New
9	F	Pole Star S. 30m	18	2	19	24	28	17	28	Moon. Misty
10	S	past 7 at Night	19	3	1	34	28	19	28	Mornings &
11	B	3 Sund. in Adv.	20	4	13	55	28	20	29	foggy Days.
12	M	Lucy Vir&Mar.	21	5	26	26	28	21	2	More mild for
13	T	Synerius	22	6	9	10	28	23	1	the Season.
14	W	Ember Week	23	7	22	10	29	24	2	Now, honest
15	T	Tyaneus	24	8	5	25	29	25	3	Tom, I'll let
16	F	Lazarus	25	9	19	0	29	26	4	thee know,
17	S	Græneus	26	11	2	51	29	27	5	About this
18	B	4 Sund. in Adv.	27	12	16	59	29	29	6	☐ ☿ ♀ Time
19	M	Numerius	28	13	1	27	29	29	7	there's Rain
20	T	Julius	29	14	16	7	0	1	8	or Snow.
21	W	St. Thomas Ap.	0	15	0	55	0	2	9	△ ☉ ☿
22	T	Demetrius	1	16	15	45	0	4	11	Frosty Morn-
23	F	Victoria	2	17	0	29	1	5	12	ings may
24	S	Gregorianus	3	19	14	59	1	6	13	be expected,
25	B	Christmas-day	4	20	29	9	1	7	15	with clear
26	M	St. Stephen	5	22	12	56	2	8	16	Days, and
27	T	St. John	6	33	26	20	2	9	18	mild.
28	W	Holy Innocents	7	24	9	17	2	11	20	You that
29	T	Trophimus	8	25	21	54	3	12	21	have Store,
30	F	Sabinus	9	26	4	13	3	14	22	Pray feast
31	S	Silvester Bish.	10	28	16	19	3	15	23	the Poor.



Partridge, December, 1768.

Partridge, December, 1768.	M D	Jupiter South	Venus South
Last Quarter the 1st Day at 4 Morn.	1	10	0
New Moon 9th Day at 9 Morning.	9	9	40
First Quarter the 16th Day at Midnight.	11	9	24
Full Moon the 23d Day at 3 Afternoon.	16	9	5
Last Quarter 30th Day at 11 at Night.	21	8	45
	26	8	30

Lunar Aspects.								Clock		Moon		Rise & Sets		Observations
D	☉	☿	♂	♂	♂	♂	♂	to	low	South				
1	16	*	19		10			10	9	6	49	Morn.		The Month be-
2		8				*		9	44	7	31	48		gins with a quiet
3	*	□			□	2		9	19	8	13	1	57	and peaceable
4	10	18		8	5			8	54	8	50	3	4	Face of Affairs in
5			♂	14				8	28	9	39	4	11	the general, and
6		Δ	20		*			8	2	10	26	5	18	the Kingdom of
7		6			6	♂		7	36	11	15	6	24	England is happy,
8	♂					1		7	9	0	A 5	7	26	both in its quiet
9	21			Δ				6	42	0	56	D sets		Government, and
10			18					6	14	1	46	4 A 50		the Conduct of sc
11		8	*		♂			5	46	2	35	5	26	brave a Prince
12		6	0	□	10	*		5	18	3	23	7	7	that now sway
13			□	4		9		4	49	4	10	8	21	the Scepter of
14	*		7	*		□		4	20	4	55	9	35	Great Britain; but
15	2	Δ	Δ	13		19		3	50	5	43	10	52	there is a Desig
16	□	16	15		*			3	20	6	32	Morn.		to disturb and
17	12	□			14	Δ		2	50	7	23	0	9	make both uneasy
18	Δ	22		♂	□	4		2	20	8	16	1	30	if the wicked De-
19	17		8	20	20			1	50	9	14	2	52	signs of unjust
20		*	19					1	29	10	16	4	18	Men should be
21		0			Δ	8		0	50	11	19	5	40	permitted to take
22					2	10		0	20	Morn.		6	58	place.
23	8		*					fast 1	0	0	20	Rise		Some Project o
24	3	♂	Δ	1				0	41	1	19	5 A 11		a destructive Na
25		1	2		8			1	22	2	13	6	30	ture is likely to
26			□	□	16	Δ		1	41	3	9	7	50	be hatched in the
27	Δ		5	4		7		2	20	3	49	9	6	eastern Parts o
28	18	*	*	Δ		□		2	39	4	39	10	18	Europe; and I wil
29		12	12	13		23		3	8	5	15	11	28	tell you here in
30	□	□			Δ			3	37	5	56	Morn.		rugged Work pre
31	11	22			22	*		4	15	6	58	0	36	paring.

# A TABLE of the Common Notes and Moveable Feasts for the Year of our LORD 1768.

Golden Number	2	Easter Sunday	April 3
Cycle of the Sun	13	Rogation Sunday	May 8
Dominical Letters	CB	Ascension-Day	May 12
Epaet	11	Whit-Sunday	May 22
Roman Indiction	1	Trinity-Sunday	May 29
Sundays after Epiphany	3	Sundays after Trinity	25
Septuagesima Sun. Jan.	31	Advent Sunday	Nov. 27
Ath-Wednesday Feb.	17	Year of the Julian Per.	6475
Number of Dirrect.	25	Year of Dionysian Per.	95

## A TABLE of the 12 Signs, 7 Planets, and Aspects.

♈ Aries, *Head and Face.*  
 ♉ Taurus, *Neck and Throat*  
 ♊ Gemini, *Arms and Shoulders.*  
 ♋ Cancer, *Breast and Stomach.*  
 ♌ Leo, *Heart and Back.*  
 ♍ Virgo, *Bowels and Belly.*  
 ♎ Libra, *Reins and Loins.*  
 ♏ Scorpio, *Secrets and Bladder.*  
 ♐ Sagittarius, *Hips and Thighs.*  
 ♑ Capricorn, *Knees and Hams.*  
 ♒ Aquarius, *Legs and Ancles.*  
 ♓ Pisces, *Feet and Toes.*

♌ Conjunction, *In one Sign & Degrees.*  
 Sextile, *is 2 Signs or 60 degrees.*  
 ☐ Square or Quartile, *is 3 Signs or 90d.*  
 △ Trine, *is 4 Signs or 120 degrees.*  
 ♌ Opposition, *is 6 Signs or 180 degrees.*

♄ Saturn.  
 ♃ Jupiter.  
 ♂ Mars.  
 ☉ Sol. or the Sun.  
 ♀ Venus.  
 ☿ Mercury.  
 ☾ Luna the Moon  
 ♁ Dragons Head.  
 ☊ Dragons Tail.  
 ♄ Part of Fortune,  
 ♁ Tellus or Earth

VENUS is a  
 Morning Star till  
 the 12th of August,  
 then an Evening  
 Star to the Year's  
 End.

♂ Hot Dry and Fiery	♂ Cold & dry Earthly
♂ Hot and moist Airy	♂ Cold & moist Watery
♂ Diur. Masculine	♂ Noct. Femin
♂ Cardinal & Moveable	♂ Fixed Signs
♂ Common Signs	♂ Termed Mute Signs
♂ are Barren	♂ Fruitful
♂ Bicorporal	

# P A R T R I D G E, 1768.

The beginning, December 23.	h. 1 17 45	} In the evening.
The immersion is	2 16 7	
The ecliptic opposition	3 5 6	
Middle of the eclipse	3 5 58	
The emerſion is	3 55 49	
The end of the eclipse	4 54 11	
The whole duration	3 36 26	
Digits eclipsed are	16 39 1	

These calculations are not done from Dr. Halley's tables, but from other tables which have undergone the the most rigorous examinations, and therefore at the desire of my friend I have inserted them to the observations of the whole kingdom, but more especially to the curious artists in Astronomy. It is observed that eclipses of the Sun or Moon have very rarely, if ever, happened in any age, but they were attended with considerable effects, according to the magnitude thereof, which may be easily proved if we do but look back, and consult antiquity or the histories of former ages. It is the opinion of the learned Peucer, in page 382, *Quid de luminum deliquis*, I would have given the whole paragraph in Latin, had I writ only to the learned part of the world, but as my book falls into the hands of my country readers, who do not understand the Latin Tongue, I shall, for their sakes, render it into English, thus: "What shall I say? Or why shall I trifle away my time, saith the learned Peucer, against such as deny the influence of the heavenly bodies? What shall we say concerning the eclipses of the Sun and Moon, are we ourselves, or any rational men, ignorant that the eclipses of the Sun and Moon, and the radiations and the aspects of the other planets are concomitant and assistant with those eclipses, their good or bad aspects, each to other? Do we not know, saith he, their significations in all ages have been ominous, and have caused mens' minds to be terrified by a secret and occult sense of the miseries and calamities these eclipses did presage, to be near at hand, or immediately to follow after the same?" The first of these eclipses, which I am going to speak of, happens in the watery triplicity; And it is the judgment of several learned and experienced authors that an eclipse of the

## P A R T R I D G E, 1768.

Sun or Moon, in the signs of either Cancer, Scorpio, or  
 Pisces, whereas this is celebrated in the 13th degree and  
 15th minute of Cancer, in the eighth house, the most omi-  
 nous part in the whole heavens, doth usually presage deaths,  
 destructions and consumption of the vulgar sort of people;  
 many various and groundless fears and rumours, false intelli-  
 gence, frequent risings, or seditious conspiracies, unexpected  
 mutinies in many countries, especially those under the afore-  
 said triplicity.—Expectations of sudden wars, and the spirits  
 of men, generally perplexed with the affairs of the present  
 times. I really wish that our sins and impieties do not  
 hinder our welfare this year, but if we expect any delive-  
 rance from the evils the celestials seem to forebode us,  
 let us not so highly prize the things of the world, and  
 grind the faces of one another, as is usual in these days,  
 but I wish the following rule was better observed, and put  
 into practice, *Prohibetur, ne quis faciat in suo, quod nocere possit  
 alicui, et sic utere mo, ut alicui non laedas.* No man must  
 do that in his own property or profession which may hurt  
 another man's. And we must so use our own as we may  
 not offend and injure our neighbour; let us therefore, as we  
 have occasion, *do good to all men*, as the apostle speaks,  
 Gal. vi. 10, but how adverse and contrary the practice of  
 these times is to this heavenly rule, I need not here remem-  
 ber, we now cry "Every man for himself, but God  
 " for us all;" but as one has well inverted it, "That where  
 " every man is for himself, the devil is for all." One of the  
 greatest miseries this nation groans under, is depopulation;  
 but sure there is a "*Vae (to them) qui coniungitis domum ad  
 " domum, A woe to them that join house to house, and lay field to  
 field, till there be no place, that they may be placed alone in the midst  
 of the earth,* Isaiah v. 8. How many houses, nay almost towns,  
 that I know of, are depopulated and ruined of late years.

*Rex patitur, patitur clerus, respublica pauper.*

*Et non pauper, depopulator erit.*

May doth not the poor smart the most of all by this fore evil?  
 viz. The industrious poor, that would live by their own works  
 and endeavours, How many of them are utterly ruined and spoil-  
 ed thereby, and several are forced to flee into other parts for  
 harbour and a poor habitation. *How is the city fit solitary  
 that was full of people? How is she become a widow?* Lam. i. 1.

How

## P A R T R I D G E, 1768.

How many sufficient families that were some time ago able to assist his Majesty in the support of his Regality, and the defence of his kingdom, that are by these means much decayed and disabled. "We are, saith a learned divine, but the trustees of this worldly wealth, or earthly talent, as we must not hide but use it; so must we use it not for ourselves only, but for the common utility of the public wealth;" but where is there any that strives and endeavours to hinder depopulation? Not one that I see in a whole country. Charity is gone and banished from among us. That indeed should be *Fundamen religionis christiane*, The cardinal virtue and groundwork of religion, which, as St. Paul says, 1 Cor. xiii. 5. *Seeketh not her own, Va qui cogitatis inutile et operamini malum*, &c. saith the prophet Micah, chap ii. ver. 1, *Woe to them that devise iniquity, and work evil upon their beds*, and ver. 2, *that covet fields, and take them by violence, and houses, and take them away*, but you may see their doom pronounced by the prophet, in ver. 3, *Behold against this family do I devise an evil, from which you shall not remove your necks*, &c. This I have briefly added to shew, that many times God almighty, for the sins of his people, sends his judgments upon the world, in a time when men are most secure, and will not take notice of the warning he gives them by the messengers of his wrath, appointed by him to give the world notice of his displeasure against sin. And we read in Josephus, that though the Jews had many signs and tokens of the Almighty's wrath, against that miserable city of Jerusalem, as a strange comet that was vertical to them, yet never was there more security in the old world, than among them at that time. But I shall say no more at present, only crave pardon for this digression, which was to let you see that great oppression and sin that is amongst us.

*Hostis est quisquis mihi*

*Non monstrat hostem.*

He doubtless is no friend to me that discovers not my foe. I heartily wish we may all of us shake off those vipers, those great enormities and courses of sin and oppression, as the forestalling of markets, and the engrossing of provisions into private hands, before they are exposed to sale, whereby the industrious poor are greatly oppressed; if we, I say, could rid the nation of these enormities that are and about

## PARTRIDGE, 1768.

is land, (and which I have but briefly hinted) then shall at of the prophet be undoubtedly verified, and made good to us, Deut. xxviii. 3, 5, *Benedictus eris in civitate, et benedictus eris in ruri; benedictus corbis tuus, et mactratua, &c.* blessed shalt thou be in the city, and blessed shalt thou be in the field, blessed shalt be thy basket, and thy store: Blessed shalt thou be when thou comest in, and blessed shalt thou be when thou goest out. Then shall we have no cause to fear the face of the greatest oppressors, depopulators, and racking landlords. The king will cover us under the wings of his royal and religious protection. And we his subjects shall render him all sincere and due obedience. So will the lord crown us with blessings of peace and plenty, and the land shall no longer groan under the burden of oppressions, which God of his infinite mercy grant.

### *Judicium Astrologicum, pro Anno 1768.*

*Being an Astrological Judgment for the Year 1768.*

#### *I. Of the Winter Quarter.*

**W**HICH begins on Monday the 21st day of December, at midnight in the year 1767, apparent time, when the very beginning of Libra ascends the eastern angle, and the same of Cancer culminates Jupiter in the ascendent, and Saturn in the mid-heaven, just upon the cusp, in opposition to the luminaries in the fourth; Mars and Venus, in conjunction in the second, and Mercury in the third; and thus are the stars posited at this ingress. This position is by no means favourable or promising any good to Europe in general, or Great Britain in particular. The consultations of these times are generally carried on with much difficulty and trouble; high animosities, and deadly feuds especially east and north-east from London; and also differences arise among great persons, as well as the vulgar men; yet we hope for tranquillity in general, notwithstanding all grumbling; at least we may hope well, though the heavens show but little unity, and a vain fear possessing the spirits of most men, of some impending rupture, calamity, or disturbance to break forth, but not rashly or suddenly.——Among many unsettled judgments, expect secret combinations and close confederacies

confederacies, but the agents thereof are sufficiently fearful of a discovery, and not without cause, since some of their own fraternity may be so strangely wrought upon with guilt, and a kind of panic fear, that they will not rest till they have eased themselves of the burden of conscience they are daily terrified withal. The Moon and Venus are significators of the common people, Venus is much afflicted of Mars in Scorpio; and the Moon, by the opposition of Saturn, are as if they feared some future disturbance or designs contriving against them, by some malecontented persons, with abundance of flying reports and rumours, with many libels, pamphlets, and scurrilous invectives dispersed abroad, wherein the actions and persons of some grandees of the nation are shamefully reflected upon and abused by the authors thereof. My author says it presageth discord in their councils, or some disturbance arising from the choleric humours of men, martial and fiery spirits.—Let all accountants, receivers, treasurers, clerks, &c. look to it and expect to be called to an account for their stewardships. — I am very sensible that great are the expectations of most men of what will be transacted amongst us this year. England has many enemies, who desire and wait for an opportunity to act mischief against us, and to plunge our nation into a labyrinth of trouble; but, I say, let all such beware that the malice intended by those ill agents against us, be not, in the end, in a double measure poured out upon their own heads. I should, from some favourable positions, have said the diseases of this quarter would have been more mild than in some former years, but Saturn opposing both the luminaries, threatens quartan agues, proceeding from colds and dry melancholic distempers, leprosies, consumptions, dropics, weak digestion, cancers in the breast, and imposthumations in the stomach, &c. and so I hasten to the spring quarter.

## II. Of the Spring Quarter.

**T**HIS quarter commences on Sunday, March the 20th, 51 min. past 1 in the morning, apparent time, when 29 deg. of Libra is on the M. C. and 25 deg. of Sagittarius ascends the Horizon. At this ingress we have Jupiter in the 9th, Saturn in the 7th, Mars in the ascendant, Venus

## P A R T R I D G E, 1768.

In the 2d, the Sun, Mercury and the Moon in the 3d, he is separating from the body of Mercury in opposition to Jupiter, and applying to the other three, Jupiter is in square to Mars, Saturn in square to the Sun, only the two superiors above the earth. I do think there will be many consultations, that have lain secret and dormant for some months, will now begin to be promoted and put in agitation; and there is near a discovery of some farther design or plot against our present government; which will prove very prejudicial to the contrivers, and all such persons that are any ways concerned therein, if we well consider the ingress with the new Moon, preceding the ingress, which we should always do, we may judge that the influence of these configurations is appointed by Divine Providence, to manifest their male effects in the houses, courts, relations and families of some of the most eminent grandees of Europe; sudden and unsettled dissolutions; one council opposing and contradicting another, little or no harmony among our superiors, or the peoples' representatives; malicious informations of one person against another, scandalous libels and pamphlets daily dispersed and flying abroad, the common people full of fears and discontented, with strong uttering and complaints, too frequently against their superiors, both publicly and in private; and this not only among ourselves, but in other countries remote from England. It is also to be feared (Jupiter, being lord of the 12th, in square to Mars, from cardinal signs) that some dangerous disease may break out among cattle, as horses, oxen, cows, to the prejudice of the honest farmers, of which let those that are concerned beware, and endeavour to prevent; the same reason with the melancholy situation of Saturn in the 7th, seems to intimate that a sullen enemy (and no mean person in the world) will endeavour to pick quarrel, and so provoke the English nation to anger, and so put themselves in a posture of defence, and these positions do oftentimes destroy leagues and friendship between kingdom and kingdom, and it is too much to be feared there will not want strange and strong endeavours to set us at odds with some other nation, or they with us. Lastly, As to the diseases incident to this quarter, are those that afflict the head, as head-ach, tooth-ach, apoplexy, megrim, with a corruption of

of



## P A R T R I D G E, 1768.

of blood, and so consequently we shall be in fear of pestilential fevers and inflammations, with pains in the arms and shoulder

### III. *Of the Summer Quarter.*

**W**HICH begins at such time the Sun enters the sign Cancer, which this year is on Monday the 20th of June, 14 min. past midnight, when 3 deg. of Capricorn culminates, and 8 deg. of Aries ascends, and the heavens are posited thus, viz. Saturn and Mercury in the 4th, Jupiter in the 7th, Mars in the 12th, Venus in the 3d, the Sun on the cusp of the 4th, and the Moon in the 6th and just after the ingress are a square of the Sun and Mars conjunction of Saturn and Sun, a square of Saturn and Mars. Hence we judge this quarter will be spent in debates and notable consultations. We hope the Gownmen however distinguished, whether divines or lawyers, will not intermeddle with such matters which concern them not let them be cautious how they move out of their own sphere and we also conjecture that this position of the heavens portends no prejudice to the famous city of London, nor the worthy citizens thereof, notwithstanding there will be many subtle and deceitful actions, also clandestine or occult councils on foot, of ill consequence to the people in general, were they put in execution, but let such busy agents look to it, for, undoubtedly, their hopes and expectations will be frustrated; and those promoters of mischief will be taken in their own snare; from the consideration where we have hopes we shall continue moderately quiet among ourselves, notwithstanding vain fears and daily rumors spread abroad amongst the people to their great discouragement throughout the nation. We fear some notable alterations of the air in this quarter, which we fear may obstruct the honest countryman in his harvest, and if so we may also expect most sort of grain to be dear, or bear a considerable price, but whether we enjoy plenty of the fruits of the earth, or scarcity thereof, let us labour to be content and return God thanks for the mercies we enjoy. The diseases of this quarter are palpitation of the heart, infirmities of the eyes, giddiness of the head and fever with others not easily cured.

IV. *Of the Autumnal Quarter.*

**W**HICH commences on Thursday the 22d day of September at 39 min. past 1 in the afternoon, when 22 deg. of Sagittarius ascends, and 26 of Libra is on the M. C. the Sun Venus and Mercury are posited in the 9th, Jupiter in the 10th, Saturn in the 7th, Moon in the 2d, Mars in the 5th. We have good hopes that our English affairs depending, are drawing near some happy conclusion or determination, at least for some limited time: or that now very eminent consultations and disputes are almost brought to an end. Yet finding the Moon going from the Trine of Mercury to the Square of Mars, who is retrograde, expect therefore some paper conflicts or pleading of privileges. Notable struggling, politic plotting, and cunning dissimbling among some inferior persons, perhaps set on purpose or at least employed in that business by a subtle sort of male-contented agents, which we hope the prudent magistrates of every county will, by their care, easily discover. Mens' minds are as various as the season is uncertain, heavens bless our English nation, and protect our merchants' ships, in what part of the world soever they are, whether outward or homeward bound; much danger or some unhappy accident may befall some of them this quarter, occasioned by violent storms and tempests, and otherwise, viz. shipwreck or piracy, unless Divine Providence do favour the endeavours of those persons concerned therein. Much more might be said, but we refer the inquisitive reader to the serious perusal of those astrological predictions in our former annual books, and in like manner to Moore's Almanacks for several years last past. And thus we conclude our judgments upon this quarter, and the whole year, *All things have a time to be born, to encrease, to die, and to be extinguished.*

*Vivant Rex et Regina Magnæ Britannia.*

F. I. N. I. S.

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Lands surveyed, divided and enclosed, and Maps of the same correctly delineated, and Timber and Polewood surveyed, valued and sold, by Vincent Wing, of Pickworth, in the County of Rutland, and Thomas Wright, of Eaton, in the County of Leicester, Practitioners in the Mathematicks.

# Parker's EPHEMERIS

For the YEAR of Our LORD  
1768.

Being the Bissextile or Leap-Year.

The Seventy-ninth Impression.



LONDON: Printed for the Company of  
STATIONERS, 1768. Price Nine-pence.

# A Table of Terms and their Returns 1768.

Hillary Term begins Jan. 23, ends Feb. 12.

Returns or Effoign Days.		Exc.	Re.	Ap.	W.D.
eight days of St. Hillary,	Jan. 20	21	22	23	Satur
15 days of St. Hillary,	27	28	29	30	Satur
in the mor. of the Purif. of the B.V. Mary,	Feb 3	4	5	6	Satur
eight days of the Purif. of the B.V. Mary,	9	10	11	12	Frid.

Easter Term begins April 20, ends May 16.

from the day of Easter in 15 days,	April 17	18	19	20	Wed
from the day of Easter in 3 Weeks,	24	25	26	27	Wed
from the day of Easter in 1 Month,	May 1	2	3	4	Wed
from the day of Easter in 5 Weeks,	8	9	10	11	Wed
in the morrow of the Ascension,	13	14	15	16	Mon

Trinity Term begins June 3, ends June 22.

in the morrow of the holy Trinity,	May 30	31	J. 1	3	Frid
in eight days of the holy Trinity,	June 5	6	7	8	Wed.
from the day of the holy Trinity in 15 days,	12	13	14	15	Wed
from the day of the holy Trin in 3 weeks.	19	20	21	22	Wed

Michaelmas Term begins Nov. 7, ends Nov. 28.

in the morrow of All-Souls,	Nov. 3	4	5	7	Mon.
in the morrow of St. Martin,	12	13	14	15	Tues
in eight days of St. Martin,	18	19	20	21	Mon
in Fifteen days of St. Martin,	25	26	27	28	Mon

N. B. No Sittings in Westminster-Hall on Ascension-day, Midsummer-day, the 1st and 2d of November, and the 2d of February.

The Exchequer opens eight days before any Term begins, except Trinity, before which it opens but four days

Note, That the first and last days of every Term, are the first and last days of Appearance.

## Common Notes for the Year 1768.

The Golden Number	2
Cycle of the Sun	13
The Epact	11
Dominical Letters	CB
Number of Direction	13
Roman Indiction	1

# January hath xxxi Days.

Full moon 4 day 4 morn.  
 Last quart. 12 day at 4 morn.  
 New moon 19 day at 6 aftern.  
 First quart. 26 day at 11 morn.

M	Sundays and D Saints Days, &c.	Moon South	Moon sets
1	Circumcision	9 A. 55	5 M 35
2		10 52	6 44
C 3	Sund. aft. Ch.	11 48	7 37
4		Morn	Rise
5	Old Christ. Day	0 4	5 A. 42
6	Epiphany	1 32	6 57
7		2 16	8 7
8	Lucian	2 58	9 17
9		3 39	10 26
C 10	Sund. aft. Epih.	4 19	11 33
11	Plow Monday	4 59	Morn
12	Old New-years d	5 41	0 41
13	Eam Term beg.	Hilar	1 51
14	Oxf. Term beg.	7 10	3 2
15		7 59	4 13
16		8 53	5 19
C 17	Sund. aft. Epih.	O. Tw	Day.
18	R. Ch. b. day k.	10 45	7 3
19		11 41	8 sets
20	Fabian	0 A. 39	5 A. 28
21	Agnes	1 33	6 5
22	Vincent.	2 22	8 20
23	Term begins	3 12	9 45
C 24	Sund. aft. Epih.	4 3	10 10
25	Conv. St. Paul.	4 54	Morn
26		5 47	0 34
27		6 42	1 56
28		7 39	3 16
29		8 36	4 27
30	K. Cha. I. Mart.	9 32	5 23
C 31	Septuages. Sund.	10 26	6 6

# February hath xxix Days.

Full moon 2 day at 8 night  
 Last quart. 10 day at midnight  
 New moon 18 day at 6 morn.  
 First quart. 24 day at 9 night.

M	Sundays and D Saints Days, &c.	Moon South	Moon sets
1		11 A 16	6 M 5
2	Purif. B V. Mary	Morn	D rise
3	Blaise	0 3	5 A. 41
4		0 48	6 54
5	Agatha	1 19	8 1
6		2 9	9 11
C 7	Sexages. Sund.	2 50	10 26
8		3 32	11 23
9		4 13	Morn
10		4 57	0 35
11		5 46	1 48
12	Term ends	6 37	2 57
13	Old Cand. day	7 30	3 58
C 14	Shrove Sunday.	Valen	4 48
15		9 22	5 29
16	Shrove Tued.	10 18	5 55
17	Ash Wednesday.	11 15	6 23
18		0 A. 8	7 sets
19		1 0	7 A. 16
20		1 53	8 45
C 21	Sund. in Lent.	2 46	10 13
22		3 40	11 39
23		4 36	Morn.
24	St. Matthias	Emph.	Week
25		6 32	2 19
26		7 29	3 21
27		8 23	4 7
B 28	Sund. in Lent.	9 15	4 42
29		10 2	5 8

Oh! if the foolish Race of Man, who find  
 A Weight of Cares still pressing on their Mind,  
 Could find as well the Cause of this Unrest;  
 And all this Burden lodg'd within the Breast;

# March hath xxxi Days.

Full moon 3 day at 2 after.  
 Last quart. 11 day at 6 aftern.  
 New moon 18 day at 4 after.  
 First quar. 25 day at 8 morn.

M D	Sundays and Saints Days, &c	Moon South	Moon sets
1	David.	10 A 45	M 28
2	Chad.	11 28	5 45
3		Morn	Drise
4		0 10	7 A 1
5	Prs. Heffe born.	0 50	8 11
6	3 Sund. in Lent.	1 31	9 19
7	Perpetua	2 13	10 28
8		2 57	11 38
9		3 43	Morn
10		+ 32	0 47
11		5 24	1 49
12	Gregory	6 19	2 43
13	Midlent Sund.	7 13	3 27
14		8 8	4 2
15		9 2	4 28
16		9 55	4 51
17	St Patrick	10 48	5 10
18	Ed. K. W. Sax.	11 40	Drise
19	Prs. Louisa b.	0 A 37	7 A 47
20	5 Sund. in Lent.	1 33	9 18
21	Benedict	2 30	10 48
22		3 31	Morn
23		4 30	0 8
24		5 29	1 17
25	Lady-Day.	Camb.	T. en.
26	Oxf. Term ends	7 18	2 51
27	Palm Sunday	8 8	3 20
28		8 52	4 42
29		9 35	3 59
30		10 16	4 15
31	Maundy Thurs.	10 58	4 36

# April hath xxx Days.

Full moon 2 day at 8 morning  
 Last quar. 10 day at 8 morn.  
 New moon 16 day at midnight.  
 First quar. 23 day at 9 night

M D	Sundays and Saints Days, &c	Moon South	Moon sets
1	Good Friday.	11 A 28	M 43
2		Morn	Drise
3	Easter Day	0 20	8 A 25
4	Monday	1 2	9 36
5	Tuesday	Old L	ady d.
6		2 37	11 47
7		3 28	Morn
8		4 20	0 44
9		5 13	1 39
10	Low Sunday	6 6	2 6
11		6 59	2 36
12		7 51	2 59
13	Oxf. Cam. T. beg.	8 42	3 20
14		9 33	3 38
15		10 26	3 57
16		11 21	Drise
17	2 Sund. afr East	0 A 20	8 A 21
18		1 20	9 48
19	Alphege	2 22	11 6
20	Term begins	3 22	Morn
21		4 21	0 9
22		5 18	0 55
23	St George	6 10	1 27
24	3 Sund. afr East	6 57	1 54
25	St. Mark	7 41	2 14
26		8 22	2 28
27		9 3	2 42
28		9 43	2 57
29		10 24	3 11
30		11 8	3 26

Sure they would change their Course, not live as now,  
 Uncertain what to wish, or what to vow.  
 Uneasy both in Country and in Town,  
 They search a Place to lay their Burden down.

# May hath xxxi Days.

Full moon 1 day at midnight  
 Last quar. 9 day at 6 aftern.  
 New moon 16 day at 8 morn.  
 First quart. 23 day at noon  
 Full moon 31 day at 3 aftern.

M	Sundays and	Moon	Moon
D	Saints Days, &c	South	sets
1	Sund. aft. East	St. Ph	& Jac
2		Morn	D rise
3	Inv. of the Cross	0 41	9 A 45
4		1 30	10 46
5		2 22	11 35
6	St. John A. P. L.	3 15	Morn
7		4 8	0 13
8	Rogation Sund.	4 59	0 44
9		5 50	1 8
10		6 40	1 28
11		7 29	1 46
12	Holy Thursday	O. May	Day
13		9 9	2 22
14		10 3	2 44
15	Sund. aft. East	11 3	3 9
16	Term ends	0 A. 6	D sets
17		1 8	9 A 53
18		2 9	10 47
19	Q. Char. born	Ox. T	nds
20		4 3	11 56
21		4 52	Morn
22	Whit-funday	5 38	0 18
23	Monday	6 22	0 36
24	Tuesday	7 2	0 30
25	Ember Week	7 42	1 4
26	Augustin	8 23	1 18
27	Ven Bede	9 5	1 32
28		9 48	1 49
29	Trinity Sunday	K. Ch. H. Re.	
30		11 24	2 38
31		Morn	D rise

# June hath xxx Days.

Last quarter 7 day at midnight  
 New moon 14 day at 4 aftern.  
 First quarter 22 day at 4 morn.  
 Full moon 30 day at 4 morn.

M	Sundays and	Moon	Moon
D	Saints Days, &c	South	rises
1	Oxt. T. begins	0 M 16	9 A 30
2	Corpus Christi	1 10	10 12
3	Term begins	2 2	10 45
4	K. Geo. III. b.	2 56	11 11
5	1 Sund. aft. Tr.	3 46	11 31
6		4 35	11 51
7		5 24	Morn
8		6 11	0 7
9		7 0	0 27
10	Prs. Amelia bo.	7 51	0 47
11	St. Barnabas	8 45	1 4
12	2 Sund. aft. Trin	9 43	1 34
13		10 43	2 11
14		11 45	D sets
15		0 A 48	9 A 11
16		1 46	9 51
17	St. Alban	2 38	10 11
18		3 25	10 34
19	3 Sund. aft Trin.	4 10	10 50
20	Tr. Edw. K. W. S	4 53	11 4
21	Longest Day	5 33	11 15
22	Term ends	6 14	11 31
23		6 55	11 54
24	St. John Bapt.	7 39	Morn
25		8 23	0 5
26	4 Sund. aft. Trin	9 11	0 32
27		10 3	1 4
28		10 57	1 46
29	St. Peter & Pau	11 52	2 39
30		Mn	D rise

One, restless in his Palace, walks abroad,  
 And vainly thinks to leave behind the Load:  
 But straight returns, for he's as restless there,  
 And finds there's no Relief in open Air.

# July hath xxxi Days.

Last quarter 7 day at 5 morn.  
New moon 14 day at 2 morn.  
First quarter 21 day at 9 night.  
Full moon 29 day at 2 aftern.

M	Sundays and Saints Days, &c.	Moon South	Moon rises
1		0M 45	9A 9
2	Visit. B. V. M.	1 36	9 33
3	Sun. aft. Trin.	2 26	9 51
4		3 15	10 9
5	Camb. Commem.	O. Midf.	D
6		4 52	10 43
7	Thomas a Beck.	5 41	11
8	Cam. Term ends	6 33	11 30
9		7 27	Morn
10	Sund. aft Tr.	8 26	0 4
11	Oxf. Act.	9 26	0 49
12		10 27	1 47
13		11 25	2 58
14		0A 21	3 sets
15	Swithin	1 12	8A 34
16	Oxf. Term ends	1 58	8 51
17	Sund. aft. Trin.	2 42	9 7
18		3 24	9 21
19		4 5	9 36
20	Margaret	4 47	9 51
21		5 29	10 9
22	Q. Denmark. b.	St. M.	Magd
23		7 1	10 58
24	Sund. aft. Tr.	7 50	11 35
25	St. James	8 42	Morn
26	St. Anne	9 35	0 25
27		10 29	1 25
28		11 24	2 36
29		Morn	3 rise
30	Dog-days begin	0 17	7A 34
31	Sund. aft. Tr.	1 9	8 13

# August hath xxxi Days.

Last quarter 5 day at 9 morn.  
New moon 12 day at 1 aftern.  
First quart. 20 day at 2 aftern.  
Full Moon 27 day at midnight.

M	Sundays and Saints Days, &c.	Moon South	Moon rises
1	Lammas Day	1M 56	8A 31
2		2 48	8 49
3		3 39	9 10
4		4 32	9 34
5		5 26	10 7
6	Transfiguration	6 23	10 46
7	Sund. aft. Tr.	7 20	11 39
8		8 19	Morn
9		9 16	0 44
10	St. Lawrence	10 11	1 58
11	Prs. Hunt. w. b.	11 4	3 16
12	Pr. Wales born.	O. Lam	day
13		0A 37	3 sets
14	Sund. aft. Trin.	1 31	7A 30
15	Assum. B. V. M.	2 4	7 46
16	Pr. Hen. Fr. born	2 46	7 59
17		3 32	8 18
18		4 11	8 37
19		4 57	9 2
20		5 46	9 35
21	Sund. aft. Tr.	P. W.	Hen b
22		7 28	11 12
23		8 21	Morn
24	St. Bartholomew	9 15	0 17
25		10 9	1 32
26		11 2	2 53
27		12 51	3 rise
28	Sund. aft Tr	Morn	6A 21
29	Decol St J. Bap	0 43	7 10
30		1 36	7 19
31		2 29	7 45

Another to his Villa would retire,  
And spurs as hard as if it were on Fire;  
No sooner enter'd at his Country Door,  
But he begins to stretch, and yawn, and snore,  
Or seeks the City, which he left before.



# September hath xxx Days.

Last quar. 23 day at 3 afterm.  
New moon 11 day at 3 morn.  
First quarter 19 day at 8 morn.  
Full moon 26 day at 9 morn

M	Sundays and Saints Days, &c.	Moon South	Moon rises
1	Giles	3 M 24	8 A 5
2	Con. b. OS. 1666	4 21	8 52
3		5 19	9 42
4	14 Sund. aft. Tr.	6 18	10 14
5		7 17	11 55
6		8 14	Morn
7	Dog-days end	9 6	1 10
8	Nativ. B.V.M.	9 55	2 26
9		10 41	3 41
10		11 24	4 52
11	13 Sund. aft. Tr.	0 A 7	5 Mers
12		0 49	6 A 14
13		1 31	6 32
14	Holy Cross Day	2 14	6 51
15		2 59	7 16
16		3 47	7 45
17	Lambert	4 36	8 22
18	16 Sund. aft. Tr.	5 26	9 11
19		6 19	10 10
20		7 11	11 10
21	St. Matthew	8 M 5	Week
22	K. Geor. III. cr.	8 55	0 M 36
23		9 46	1 55
24		10 38	3 18
25	17 Sund. aft. Tr.	11 31	4 44
26	St. Cyprian	Morn	Drise
27		0 24	5 A 57
28		1 20	6 23
29	St. Michael	Pr. C	Mt. b.
30	St. Jerome	3 19	7 48

# October hath xxxi Days.

Last quarter 2 day at midnight  
New moon 10 day at 8 night  
First quart. 18 day at 11 night  
Full moon 25 day at 6 night

M	Sundays and Saints Days, &c.	Moon South	Moon rises
1	Remigius	4 M 20	8 A 47
2	18 Sand. aft. Trin	5 22	9 55
3		6 20	11 10
4		7 13	Morn
5		8 1	0 26
6	Faith	8 48	1 40
7		9 33	2 51
8		10 13	4 2
9	19 Sund. aft. Tr.	10 54	5 11
10	Oxf. & Cam. T. b.	Old M	ch. D.
11		0 A 21	Diets
12		1 6	5 A 28
13	Tr. K. Edw. Con.	1 52	5 58
14		2 40	6 29
15		3 30	7 14
16	20 Sun. aft. Tr.	4 20	8 - 9
17	Etheldred	5 12	9 13
18	St. Luke	6 3	10 25
19		6 54	11 41
20		7 43	Morn
21		8 32	0 58
22		9 23	2 18
23	21 Sund. aft. Tr.	10 16	3 41
24		11 10	5 10
25	K. Geo. III. In.	Crisp.	Drise
26	K. Geo. III. Pr.	0 M 7	4 A 59
27		1 7	5 42
28	St. Sim. & Jude	2 10	6 38
29		3 14	7 45
30	22 Sund. aft. Tr.	4 14	9 1
31		5 10	10 10

Thus every Man o'erworks his weary Will,  
To shun himself, and to shake off his Ill;  
The shaking Fit returns, and hangs upon him still.  
No Prospect of Repose, nor Hope of Ease;  
The Wretch is ignorant of his Disease;

November hath xxx Days.

December hath xxxi Days.

Last quar 1 day at noon  
New moon 9 day at 2 after.  
First quarter 17 day at 1 aftern.  
Full moon 24 day at 4 morn.

Last quar, 1 day at 4 morn.  
New moon 9 day at 9 night  
First quarter 16 day at 11 night  
Full moon 23 day at 3 aftern.  
Last quar. 30 day at 11 night

M	Sundays and D Saints Days, &c.	Moon South	Moon rises
1	All Saints	6M 2	11A 34
2	All Souls	6 49	Morn
3		7 35	0 46
4		8 18	1 55
5	Papish Conspir.	8 58	3 5
6	23 Sund. aft. Tr.	9 40	4 13
7	D. Cumb. born	Ter. b.	5 21
8		11 3	6 29
9	Lord-Mayors-d.	11 46	D fets
10		0A 38	4A 34
11	Martinmas	1 28	5 15
12		2 12	6 6
13	24 Sund. aft. Tr.	3 9	7 7
14		3 58	8 14
15	Machutus	4 47	9 27
16		5 36	10 41
17	Hugh, Bx Linc	6 23	11 57
18		7 11	Morn
19		7 59	1 16
20	25 Sund. aft. Tr.	8 50	2 38
21		9 46	4 2
22	Old Martin Day	10 43	5 30
23	St. Clement	11 44	6 57
24		Morn	D rise
25	Duke Glouc b.	0 47	5A 18
26		1 52	6 34
27	Advent Sund.	2 55	7 52
28	Term ends	3 47	9 10
29		4 37	10 26
30	St. Andrew	Pis. D.	Wa. b.

M	Sundays and D Saints Days, &c.	Moon South	Moon rises
1		6M 8	Morn
2		6 49	0 48
3		7 31	1 57
4	2 Sun. in Advent	8 13	3 4
5		8 55	4 11
6	Nicolas	9 46	5 18
7		10 26	6 24
8	Concep. B.V.M.	11 15	7 26
9		0A 6	D fets
10		0 56	4A 50
11	3 Sun. in Advent	1 46	5 56
12		2 36	7 7
13	Lucy	3 23	8 21
14	Ember Week.	4 10	9 35
15		4 58	10 52
16	Carn. Term ends	5 43	Morn
17	Oxf. Term ends	6 32	0 9
18	4 Sun in Advent	7 23	1 30
19		8 17	2 53
20		9 14	4 18
21	St. Thomas	Short Day	
22		11 20	6 56
23		Morn	D rise
24		0 21	5A 11
25	Christmas-Day	1 19	6 30
26	St. Stephen	2 14	7 50
27	St. John Evan.	3 3	9 6
28	Holy Innocents	3 49	10 18
29		4 33	11 28
30		5 15	Morn
31	Silvester.	5 55	0 36

Wh'ch known, would all his fruitless Trouble spare,  
For he would know the World not worth his Care:  
Then would he search more deeply for the Cause,  
And study Nature well, and Nature's Laws.

# f the FOUR QUARTERS of the YEAR, 1768.

[ **H**E Spring Quarter begins on the 20th Day of *March*, 43 Minutes past 1 In the Morning, Apparent Time.

The Summer Quarter begins on the 20th Day of *June*, 33 Minutes after Midnight.

The Autumnal Quarter begins *September* the 22d, 12 Minutes past 2 in the Afternoon.

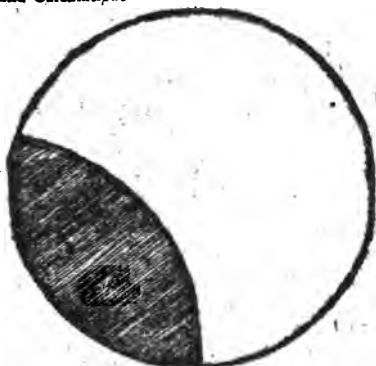
The Winter Quarter begins *December* the 21st, 55 Minutes past 5 in the Morning.

## Of the ECLIPSES, 1768.

This Year will produce Five ECLIPSES, Two of the Sun, and Three of the Moon, which will happen in the following Order :

The first is a partial and visible Eclipse of the Moon ; and will happen on Monday the 4th Day of *January*, in the Morning ; according to the following Type and Calculation.

The  
Type at



the  
Middle.

	London.			York.			Edinburg.			
	h.	m.	s.	h.	m.	s.	h.	m.	s.	
Begins	3	19	48	3	15	21	3	6	35	Jan. 4th Morn. App. Time.
Middle	4	28	19	4	23	51	4	15	5	
Ends	5	36	48	5	32	21	5	23	35	
Duration	2	17	0	2	17	0	2	17	0	
Digits Eclipsed	4°	33'	55"	4°	33'	55"	4°	33'	55"	

The Second Eclipse is of the Sun, and will happen on Tuesday the 19th Day of *January*, near our 6 o'Clock in the Afternoon ; it will be invisible here, but will be seen in several of our Plantations in *North-America*.

The Third Eclipse is of the Moon, and will happen on Thursday the 30th Day of *June*, in the Morning ; this will be a total Eclipse with Continuance ; and some Part of it will be visible in our Isle of *Great-Britain* ; as may be seen by the following Calculation.

# Of the ECLIPSES, 1768.

The Type at



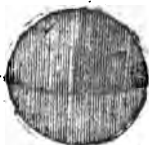
the Middle.

	London.			York.			Edinburg.			
	h.	m.	f.	h.	m.	f.	h.	m.	f.	
Begins.	2	5	18	2	0	51	1	52	5	June 30th Morn. App. Time.
Immersion.	3	18	18	3	13	51	3	5	5	
Middle.	3	52	48	3	48	21	3	39	35	
Emerfion.	4	27	18	4	22	51	4	14	5	
Ends.	5	40	18	5	35	51	5	27	5	
Duration.	3	35	0	3	35	0	3	35	0	
Digits Eclipsed.	14°	44'	39"	14°	44'	39"	14°	44'	39"	

The Fourth is another Eclipse of the Sun, and will happen on *Thursday* the 14th Day of *July*, near our 2 o'Clock in the Morning; consequently invisible in all these Parts of the Globe; but will be visible to those that are falling in the great South Sea or Pacific Ocean; and to those who live in the Eastern Parts of *Asia*.

The Fifth and last Eclipse is of the Moon, and will happen on *Friday* the 23d Day of *December*, in the Afternoon; this will likewise be another total Eclipse with Continuance; and some of the latter Part of this Eclipse will be visible in our Isle of *Great Britain*. See the following Calculation.

The Type at



the Middle.

	London.			York.			Edinburg.			
	h.	m.	f.	h.	m.	f.	h.	m.	f.	
Begins.	1	25	33	1	21	6	1	12	20	December 23d Afternoon.
Immersion.	2	23	38	2	19	11	2	10	25	
Middle.	3	12	8	3	7	41	2	58	55	
Emerfion.	4	0	38	3	56	11	3	47	25	
Ends.	4	58	43	4	54	16	4	45	30	
Duration.	3	33	10	3	37	10	3	33	10	
Digits Eclipsed.	16°	19'	45"	16°	19'	45"	16°	19'	45"	

# A TABLE of the **KINGS** and **QUEENS** of England since the Conquest.

Kings and Queens.	Born A.D.	Began their Reign.	Reigned Y. M. D.	Age.	Rem. Deaths and Dethron.	Where Buried.
Will. Conq.	1027	1066 Oct. 14	20 10 26	60	Burnt by Leap.	Caen, Norm.
Will. Rufus	1057	1087 Sept. 9	12 10 24	43	Slain accidentally.	Winchester
Henry I	1058	1100 Aug. 2	35 4 0	77		Reading
Stephen	1105	1135 Dec. 1	18 10 24	49		Faversham
Henry II	1134	1154 Oct. 25	34 8 12	55		Fontevraud
Richard I	1156	1189 July 6	9 9 0	43	Slain with an Arrow.	Fontevraud
John	1166	1199 April 6	17 6 13	50		Worcester
Henry III	1207	1216 Oct. 19	56 0 28	65		Westminster
Edward I	1239	1272 Nov. 16	34 7 21	67		Westminster
Edward II	1284	1307 July 7	19 6 13	43		Gloucester
Edward III	1312	1327 Jan. 20	50 5 3	65		Westminster
Richard II	1366	1377 June 21	22 3 8	33	Dep. & murd.	Westminster
Henry IV	1367	1399 Sept. 29	23 5 21	46		Canterbury
Henry V	1389	1413 Mar. 20	9 5 11	33		Westminster
Henry VI	1421	1422 Aug. 31	38 6 4	42	Dep. & murd.	Windsor
Edward IV	1442	1461 Mar. 4	22 1 5	41		Windsor
Edward V	1471	1483 April 9	0 2 15	12	Murder'd.	Not known
Richard III	1442	1483 June 22	2 2 0	42	Slain in Battle.	Leicester
Henry VII	1457	1485 Aug. 22	23 8 0	52		Westminster
Henry VIII	1492	1509 April 22	37 9 6	55		Windsor
Edward VI	1537	1547 Jan. 28	6 5 9	15		Westminster
Mary I	1516	1553 July 6	5 4 11	42	Died of Grief.	Westminster
Elizabeth	1533	1558 Nov. 17	44 4 7	69		Westminster
James I	1566	1603 Mar. 24	24 6 3	58		Westminster
Charles I	1600	1625 Mar. 27	25 20 3	48	Murder'd. by Villains.	Windsor
Charles II	1630	1649 Jan. 30	36 0 7	54	Abdicated.	Westminster
James II	1633	1685 Feb. 6	4 0 7	57		St. Germain
Mary II	1662	1689 Feb. 13	5 10 15	32		Westminster
William III	1640	1689 Feb. 13	13 9 23	52	Kill'd by a Fall from his Horse.	Westminster
Anne	1665	1702 Mar. 8	12 4 24	69		Westminster
George I	1660	1714 Aug. 1	12 10 10	67		Hanover
George II	1683	1727 June 11	11 4 14	77		Westminster
George III	1738	1760 Oct. 25	Whom God preserve.			

## The Presidents of the several Hospitals of London,

Sir Robert Ladbroke,	} President of	Christ Church Hospital.
Sir Richard Glyn,		St. Bartholomew's Hosp.
Sir Joseph Hankney,		Bethlem and Bridewell.
		St. Thomas's Hospital.

B. 2.

# *A brief Chronology of memorable Things to the present Year 1768.*

Since the vast Fabrick of the World was founded	5818
Since <i>Nab's</i> Flood by which the World was drowned	4160
Since Fire and Brimstone <i>Sodom</i> did destroy	3000
Since the Destruction of renowned <i>Troy</i>	2950
Since ancient <i>London</i> was by <i>Lud</i> erected	2875
Since <i>York's</i> first Plat and Building was effected	2757
Since <i>Canterbury's</i> Balis first was laid	2660
Since <i>Rome's</i> first Wings o'er seven <i>Hills</i> were spread	2520
Since <i>Jes: Christ</i> at <i>Bethlehem</i> was born	1768
Since crucify'd with Cruelty and Scorn	1735
Since <i>England</i> first the <i>Christian Faith</i> receiv'd	1688
Since <i>London's</i> Tower was built (as 'tis believ'd)	1203
Since <i>England's</i> Conqueror this Nation won	702
Since to be built <i>Westminster Hall</i> begun	678
Since <i>London-Bridge</i> was finished with Stones	559
Since the Invention of destructive <i>Guns</i>	390
Since the first Use of <i>Printing</i> was inspired	309
Since <i>St. Paul's</i> Steeple was by Lightning fired	207
Since that vile Project <i>Guido Faux's</i> Plot	207
Since th' <i>Irish Massacre</i> , not yet forgot	162
Since noble <i>Strafford</i> on the Scaffold felt	127
Since <i>Edge Hill</i> Fight, whereof loud Fame doth tell	126
Since <i>Cheapside-Cross</i> was by the <i>Saints</i> pull'd down	125
Since <i>Moses's</i> Tables were of mean Renown	125
Since <i>Newbury</i> Fight with Crimson dy'd the Field	125
Since Pious <i>Laud</i> to Martyrdom did yield	124
Since good King <i>Charles</i> resign'd his Royal Head	119
Since Virtue, Truth and Justice, all lay dead	119
Since <i>George Fox</i> first began the <i>Quakers</i> Sect	118
Since <i>Nol</i> usurp'd the Power to protect	114
Since Death and Vengeance did for <i>Cromwell</i> call	110
Since <i>Tick</i> his Son did from his Greatness fall	109
Since <i>Charles</i> the Second to <i>White-Hall</i> return'd	108
Since good Men for't rejoyc'd, and Rebels mourn'd	108
Since Rebels were at <i>Charing-Cross</i> dissected	108
Since <i>London</i> was with the great <i>Plague</i> infected	103
Since <i>London's</i> dreadful Fire in <i>September</i>	102
Since the great Blazing Comet in <i>December</i>	101
Since the vile Plot at <i>Rye House</i> was detected	85
Since Booths and Stalls were on the <i>Thames</i> erected	84
Since the fam'd <i>Oate</i> for Perjury was stripp'd	83
Of's Priestly Habit, and through <i>London</i> whipp'd	83
Since	

## A brief Chronology of memorable Things.

ice James the Second did the Throne ascend	83
ice he to <i>Manmouth's</i> Treason put an End	82
ice the seven Bishops to the <i>Tower</i> were sent	80
ice the Lord <i>Jefferies</i> thither also went	80
ice the Prince of <i>Orange</i> landed at <i>Torbay</i>	80
ice late King <i>James</i> to <i>France</i> did make his Way	80
ice <i>William</i> and <i>Mary</i> at <i>Westminster</i> were crown'd	79
ice War with <i>France</i> the Trumpet loud did sound	79
ice such vast Numbers at the <i>Boynes</i> were slain	78
ice, <i>French</i> and <i>Irish</i> Gore did <i>Agrim</i> stain	77
ice <i>Mary</i> our Queen pale Death did surround	74
ice he gave <i>Gloucster's</i> Duke a mortal Wound	68
ice Great Queen <i>ANNE</i> unto the Throne ascended	66
ice War proclaim'd with <i>France</i> which now is ended	66
ice the late High Wind in the Month <i>November</i>	65
ice <i>Blenheim</i> Fight, which well the <i>French</i> remember	64
ice <i>EMES</i> the Prophet was in his Grave interr'd	61
ice his sham Resurrection plain appear'd	60
ice the <i>Two</i> Kingdoms did in <i>One</i> unite	60
ice fatal Death depriv'd Prince <i>George</i> of Sight	60
ice that fam'd Priest <i>Sacheverel</i> was try'd	58
ice that great Surgeon Serjeant <i>Barnard</i> dy'd	58
ice <i>Ormond's</i> Duke our General became	56
ice <i>France</i> gave <i>Dunkirk</i> to <i>ANNE</i> our Royal Dame	56
ice <i>Hamilton's</i> Duke in Duel lost his Life	56
ice <i>ANNA's</i> Death renew'd our factious Strife	54
ice <i>Perkin</i> did the <i>Scottish</i> Realm accost	53
ice Traitors <i>Hopes</i> in <i>Preston</i> Fight were lost	53
ice haughty <i>Spain</i> <i>Gibraltar</i> did blockade	41
ice at <i>Seville</i> a sham Peace was made	39
ice <i>Spain</i> revok'd the Peace of <i>Seville</i>	37
ice <i>Germans</i> , <i>Dutch</i> , and <i>Britons</i> did agree	37
ice <i>Spain</i> in the <i>Vienna</i> Treaty join'd	37
ice our broad Gold was into <i>Guineas</i> coin'd	35
ice we with <i>Spain</i> an open War proclaim'd	29
ice <i>Porto Bello</i> was taken and unfram'd	29
ice the great Frost that starv'd both Beast and Men	28
ice <i>British</i> Valour shone at <i>Battingen</i>	25
ice <i>Perkin</i> Junior this our Realm annoy'd	23
ice brave Duke <i>William</i> his rash Scheme destroy'd	22
ice Peace proclaim'd with <i>France</i> and haughty <i>Spain</i>	19
ice Trade reviv'd and flourish'd again	19
ice <i>GEORGE</i> the Second's glorious Reign was ended	8
ice <i>GEORGE</i> the Third the <i>British</i> Throne ascended	8
ice <i>GEORGE</i> the Third made bloody Wars to cease	
ice All o'er the Globe, and made a glorious PEACE.	

# A TABLE of the LORD-MAYORS and SHERIFFS of London, from the Revolution to the present Year 1768.

1688	Sir John Shorter	Sir Basil Firebrass, Sir John Parsons
1688	Sir John Eyles	No Freeman of London
1689	Sir John Chapman	Sir Humphry Edwin, Sir John Fleet
1690	Sir T. Pilkington	Christopher Lesbulier, Esq; Sir John Houlston
1691	Sir T. Pilkington	Sir Edward Clark, Sir Francis Child
1692	Sir Thomas Stamp	William Ashurst, Richard Lovett, Esqrs.
1693	Sir John Fleet	Sir Thomas Lane, Sir Thomas Cook
1694	Sir William Ashurst	Sir Thomas Abney, Sir William Hedger
1695	Sir Thomas Latte	Sir John Stewatapple, Sir William Cole
1696	Sir John Houlston	Sir Edward Wills, Sir Owen Buckingham
1697	Sir Edward Clark	Sir John Wolf, Samuel Blower, Esq;
1698	Sir Humphry Edwin	Sir Bart. Gracedien, James Collet, Esq;
1699	Sir Francis Child	Sir William Gore, Sir Joseph Smart
1700	Sir Richard Levett	Sir Charles Duncomb, Sir Jeffery Jefferies
1701	Sir Thomas Abney	Sir Robert Beachcroft, Sir Henry Furness
1702	Sir William Gore	Sir W. Withers, Sir P. Floyer, Sir J. Bateman
1703	Sir Samuel Dashwood	Sir Robert Bedingfield, Sir Samuel Garrard
1704	Sir John Parsons	Sir Gilbert Heathcote, Sir Joseph Wolfe
1705	Sir O. Buckingham	Sir John Buckworth, Sir W. Humphrys
1706	Sir T. Rawlinson	Sir Charles Thorold, Sir Samuel Stanier
1707	Sir R. Bedingfield	Sir William Benson, Sir Ambrose Crowley
1708	Sir Will. Withers	Sir Benjamin Green, Sir Charles Parr
1709	Sir Cha. Duncombe	Charles Hopson, Esq; Sir Richard Guy
1710	Sir Samuel Garrard	Sir Richard Hoare, Robert Duick, Esq;
1711	Sir Gilbert Heathcote	Sir George Thorold, Francis Eyles, Esq;
1712	Sir Robert Beachcroft	Sir John Case, Sir William Stewart
1713	Sir Richard Hoare	Sir William Lewen, Sir Samuel Clarke
1714	Sir Samuel Stanier	Sir Francis Forbes, Sir Joseph Sharp
1715	Sir Will. Humphrys	Sir Robert Breden, Sir Randolph Knipe
1716	Sir Charles Peers	Sir John Ward, Sir John Fryer
1717	Sir James Bateman	Sir Gerard Conyers, Charles Cook, Esq;
1718	Sir William Lewen	Sir Peter Delme, Sir Harcourt Masters
1719	Sir John Ward	Sir John Bull, Thomas Ambrose, Esq;
1720	Sir George Thorold	Sir John Eyles, Bart. Sir John Tash
1721	Sir John Fryer	Sir George Caswell, William Bickers, Esq;
1722	Sir William Stewart	Sir George Martins, Edward Becker, Esq;
1723	Sir Ger. Conyers	Humphry Parsons, Francis Child, Esqrs.
1724	Sir Peter Delme	Sir R. Hopkins, F. Feaf, E. Bellamy, Esqrs.
1725	Sir George Mertins	Sir Joseph Eyles, Robert Baylis, Esq;
1726	Sir Francis Forbes	F. Porten, J. Marden, J. Thompson, Esqrs.
1727	Sir John Eyles, Br.	Sir John Lock, Sir William Ogborne



# *A List of Lord-Mayors and Sheriffs, &c.*

Sir Edward Becher	Sir John Grasmeur, Sir Thomas Lombe
Sir Robert Baylis	Richard Brocas, Richard Levet, Esqrs.
Sir Richard Brocas	J. Barber, Esq; Sir John Williams
Humph. Parsons, Esq;	John Fuller, Esq; Sir Isaac Sbard
Sir Francis Child	Samuel Russel, Thomas Pindar, Esqrs.
John Barber, Esq;	Sir Henry Hankey, Robert Alsop, Esq;
Sir William Billers	Robert Westley, Daniel Lambert, Esqrs.
Sir Edward Bellamy	Micajah Perry, Esq; Sir John Salter
Sir John Williams	Sir John Barnard, Sir Robert Godschall
Sir John Thompson	Sir William Rous, Benjamin Rawlin, Esq;
Sir John Barnard	Sir G. Champion, T. Russel, Esq; Sir R. Cator
Micajah Perry, Esq;	James Brooke, Williams Westbrook, Esqrs.
Sir John Salter	George Heathcote, Esq; Sir J. Le Queues
Hum. Parsons, Esq;	Henry Marshall, Richard Hoare, Esqrs.
Sir Dan. Lambert,	Robert Willmot, William Smith, Esqrs.
Sir Robert Godschall	William Benn, Charles Eggleton, Esqrs.
Geo. Heathcote, Esq;	Robert Ladbroke, William Calvert, Esqrs.
Sir Robert Willmot	Walter Barnard, Samuel Pennant, Esqrs.
Sir Robert Westley,	John Blachford, Francis Cokayne, Esqrs.
Sir Henry Marshall,	Thomas Winterbottom, Robert Alsop, Esqrs.
Sir Richard Hoare,	Crisp Gascoyne, Edw. Davis, Esqrs;
William Benn, Esq;	Thomas Rawlinson, Edward Ironside, Esqrs.
Sir Robert Ladbroke,	William Whitacre, Stephen Theodors Janssen,
Sir William Calvert,	Esqrs.
Sir Samuel Pennant,	William Alexander, Robert Scott, Esqrs.
John Blachford, Esq;	Slingby Bethell, Marjhe Dickenson, Esqrs.
Francis Cokayne, Esq;	Sir Charles Agill, Sir Richard Glyn
T. Winterbottom, Esq;	Thomas Chitty, Matthew Blakiston, Esqrs.
Robert Alsop, Esq;	Sir Samuel Fludyer, Sir John Toriano
Sir Crisp Gascoyne,	William Beckford, Ivo Whitbread, Esqrs.
Edw. Ironside, Esq;	William Bridges, William Stevenson, Esqrs.
T. Rawlinson, Esq;	George Nelson, Francis Gosling, Esqrs.
Step. The. Janssen, Esq;	George Dandridge, Alexander Master, Esqrs.
Slingby Bethell, Esq;	Geo. Errington, Paul Vaillant, Esqrs.
Marthe Dickinson, Esq;	Sir Robert Kite, Sir William Hart.
Sir Charles Agill	Sir Nathaniel Noss, Sir John Cartwright.
Sir Richard Glyn	Sir Thomas Challenor, Sir Henry Banks.
Sir Thomas Chitty	Hon. Thomas Harley, Richard Blunt, Esq;
Sir Matthew Blakiston	Bras Crosby, Esq; Sir Thomas Harris.
Sir Sam. Fludyer, Esq;	Brackley Kennet, Benjamin Charlwood, Esqrs.
William Beckford, Esq;	Sir Robert Darling, Sir James Esdaile.
William Bridges, Esq;	Richard Peers, William Noss, Esqrs.
Sir William Stephenson	
George Wilson, Esq;	
Sir Robert Kite	
Hon. Thomas Harley	

**A CATALOGUE of the Most Reverend, Right Reverend and Reverend, the Archbishops, Bishops and Deans, exercising Ecclesiastical Jurisdiction in England, 1767.**

<i>Archbishops.</i>	<i>Deans Names.</i>	<i>Sees Names.</i>
Dr. Tho. Secker	Dr. John Potter	Canterbury
H. Dr. R. Drummond	Dr. John Fountayne	York
<i>Bishops.</i>		
Dr. Richard Terrick	H. Dr. F. Cornwallis	London
Hon. Dr. Rich. Trevor	Hon. Dr. S. Cowper	Durham
Dr. John Thomas	Dr. Jonath. Shipley	Winchester
Dr. Matthias Mawson	Dr. Hugh Thomas	Ely
Dr. Edward Willes	Lord Ft. Seymour	Bath and Wells
Lord James Beaucherk	Dr. Francis Webber	Hereford
Dr. Zachary Pearce	Dr. Benj Newcome	Rochester
H. Dr. Fr. Cornwallis	Dr. J. Addenbrook	Litchfield and Cov.
Dr. Edmund Keene	Dr. William Smith	Chester
Dr. James Johnson	Sir R. Wrottesley, Bt.	Worcester
Sir Wm. Ashburnham	Thomas Ball, M. A.	Chichester
Dr. Rich. Newcome	Dr. Will. Herring	St. Asaph
Dr. John Hume	Dr. Thomas Green	Salisbury
Dr. John Egeron	Dr. Thomas Lloyd	Bangor
Dr. Philip Yonge	D. Philip Lloyd	Norwich
Dr. Will. Warburton	Dr. Josiah Tucker	Gloucester
Dr. John Ewer	J. Fulham, A. M.	Landaff
Dr. John Green	H. Ja. York, A M.	Lincoln
Dr. Thomas Newton	Dr. Cuths Barton	Bristol
Dr. Char. Lyttelton	Dr. Thomas Wilken	Carlisle
H. D. Fred. Keppel	Dr. Jeremiah Miller	Exeter
Dr. Robert Lamb	Dr. Cha. Tarrant	Peterborough
Dr. Robert Lowth	Dr. Will. Markham	Oxford
Dr. Charles Moss	J. Morgan, B. D Pr.	St. David's
	Dr. Zach. Pearce	Westminster
	Dr. Fred. Keppel	Windsor
Dr. Mark Hildesley		Sodor and Man

*The Names of the Learned Judges in the Law.*

- I. In the } R. Hon. Lord Camden, Lord High Chancellor.  
*Chancery.* } R. H. Sir Thomas Sewell, Knt. Master of the Rolls.  
 II. In the } Wm. Lord Mansfield, L. C. J. Sir Joseph Yates, Knt.  
*K. Bench.* } Sir Richard Astle, Knt. James Hewitt, Esq;  
 III. In the } R. H. Sir Earle Wilmot, L. C. J. Sir Ed. Clive, Kt.  
*C. Pleas.* } John Henry Bathurst. Sir Henry Gould, Knt.  
 IV. In the } Sir T. Parker, L. C. B. Sir S. Stafford Smythe.  
*Exchequer.* } Sir Richard Adams, Knt. George Perrott, Esq;  
 Sir de Grey, Esq; Att. Gen. Edward Willes, Esq; Sol. Gen.

# The Names of the Lord-Mayor and Aldermen of LONDON, and the Places of their Habitations, with the Wards under their Jurisdiction.

*Those marked thus \* have passed the Chair.*

The Right Hon. Thomas Harley, LORD MAYOR, and  
Alderman of *Portoken Ward*, Mansion-House, 1768.

* Sir Rob. Ladbroke, Knt. St. Peter's-hill	<i>Bridge Ward without</i>
* Robert Alsop, Esq; Great-Marlb'ro'-str.	<i>Coleman-street Ward</i>
* Sir Tho. Rawlinson, Knt. Fenchurch str.	<i>Broad-street Ward</i>
* Sir Charles Asgill, Bart. Lombard-street	<i>Candlewick Ward</i>
* Sir Richard Glyn, Bart. Birchin-lane	<i>Dowgate Ward</i>
* Sir Matthew Blakiston, Bart. Old Jewry	<i>Bishopsgate Ward</i>
* Sir Samuel Fludyer, Bart. Basinghall-str.	<i>Cheap Ward</i>
* William Beckford, Esq; Soho-Square	<i>Billingsgate Ward</i>
* William Bridgen, Esq; Forty-Hill	<i>Farringdon Within</i>
* Sir William Stephenson, Knt. Old Swan	<i>Bridge-Ward within</i>
* Sir Robert Kite, Knt.	<i>Lime-street Ward</i>

James Eyre, Esq; Recorder.

Sir Joseph Hankey, Knt. Fenchurch-street	<i>Langbourn Ward</i>
Sir William Baker, Knt. Winchester-str.	<i>Bassishaw Ward</i>
Sir Francis Gosling, Knt. Fleet-street	<i>Farringdon Without</i>
Sir Henry Banks, Knt. Roehampton, Surry	<i>Cordwainers Ward</i>
Samuel Turner, Esq; Mincing-lane	<i>Tower Ward</i>
Barlow Trecothick, Esq; Bucklersbury	<i>Vintry Ward</i>
Bras Crosby, Esq; Seething-lane	<i>Bread-street Ward</i>
Richard Peers, Esq; Queenhithe	<i>Queenhithe Ward</i>
William Nash, Esq; Swithins-lane	<i>Walbrook Ward</i>
Thomas Hallifax, Esq; Bitchin-lane	<i>Aldersgate Ward</i>
John Shakespeare, Esq; Billiter-Square	<i>Aldgate Ward</i>
Sir James Esdaile, Bunnhill-row	<i>Cripplegate Ward</i>
Samuel Plumb, Esq; Foster-lane	<i>Castle-Baynard Ward</i>
Brackley Kennet, Esq; Pall-mall	<i>Cornhill Ward</i>

Richard Peers, Esq; }  
William Nash, Esq; } *Sheriffs.*

Sir Steph. Theo. Janssen, Bart. *Chamberlain.*

Sir James Hodges, Knt. *Town Clerk.*

# Rates for *Hackney-Coaches* and *Chairs* in *London*, or within 10 Miles thereof, by *Stat. 9 An. Reg.*

	s.	d.
For one Day of 12 Hours	10	0
For one Hour	1	6
For every Hour after the first	1	0
From any of the Inns of Court to any Part of St. James's, or City of <i>Westm.</i> except beyond <i>T. hill-street</i>	1	0
From the Inns of Court, or thereabouts, to the <i>Royal Exc.</i>	1	0
From any of the Inns of Court to the <i>Tower, Aldgate, Bishopsgate-street</i> , or thereabouts	1	0

And it is also declared that no *Hackney Coachman* shall take for his Hire more than one Shilling for any Distance not exceeding one Mile and an Half, and Eighteen pence for any greater Distance not exceeding two Miles.

And *Hackney Chairmen* by the said *Act* shall not take more than one Shilling for any Distance not exceeding one Mile, and Eighteen pence for any Distance not exceeding a Mile and an Half.

For better knowing the Distances between the most noted Places in the *City* and *Suburbs*, the *Commissioners* have caused the same to be measured, *viz.*

## One Shilling Rates for *Hackney-Coaches*, for Distances not exceeding one Mile and an Half, *viz.*

From *Westminster hall* to *Marlborough street*  
*Westminster-hall* to *Albemarle-street*  
*Westminster hall* to *Bolton-street*  
*Westminster-hall* to *Bloomsbury-square*  
*Westminster-hall* to *Soho square*  
*Westminster-hall* to *Little Queen street, Holborn*  
*St. James's Gate* to *Queen Anne's-square, Westminster*  
*St. James's Gate* to the nearest Corner of *Red Lion-square*  
*Golden-square* to *Red Lion square*  
*Hay-Market Play house* to *Red Lion-square*  
*Hay-Market Play house* to *Thavies Inn*  
*Hay-Market Play-house* to *Bloomsbury-square*  
*Guild-hall* to *Red Lion-square*  
*Upper End of Fetter-Lane, Holborn*, to *Aldgate*  
*Royal-Exchange*, to *Mile-End Turnpike*

Royal-

## Rates for Hackney-Coaches, &c.

Royal-Exchange to Hoxton-square  
 Newgate to the middle of Greek-street near Soho square  
 Bridge-foot, Southwark, to Sir W. Walworth's-head, Walworth  
 Gray's Inn Gate to Sadler's-Walls by Islington  
 Covent-Garden to Clerkenwell Church  
 Temple-Bar to Billingsgate  
 Aldgate to Shadwell Church

## Eighteen-pence Rates for Hackney-Coaches, for Distances not exceeding two Miles.

Drury-lane Play-house to Queen's square, Westminster  
 Westminster-hall to St. Paul's Church  
 Westminster-hall to Queen's-square, Red-Lion fields  
 St. James's Gate to Hatton-Garden  
 New-Exchange in the Strand to the Royal-Exchange  
 From the Hay-market Play house to Hatton-Garden  
 Westminster-Hall to Red-Lion-square  
 St. James's to Marybone Church  
 The Royal-Exchange to Bloomsbury square  
 The Royal-Exchange to the Watch-house, Mile End  
 The Out-side of Aldgate to Stepney Church  
 Bedford street, Covent-Garden, to Coleman-street  
 Bread-street to Hoxton-square  
 Middle of Broad-street to Hart-street, Bloomsbury Market  
 St. Martin's-Lane, in the Strand, to Gold-street by Wood-street.  
 Middle of Grace Church street to Somerset-house  
 Guild-Hall to Brownlow street in Drury lane  
 The Royal-Exchange to Newington Church, Surrey  
 Covent-Garden to the Royal-Exchange  
 Stocks-Market to Charing-Cross  
 Aldgate to Ratcliff-Cross

## One Shilling Rates for Hackney-Chairs, for Dis- tances not exceeding one Mile.

From Westminster to Covent-Garden  
 Westminster-hall to Exeter-Change  
 St. James's Gate through the Park to Westminster hall  
 Hay-Market Play-house to the Entrance of Lincoln's-Inn-fields  
 Hay-Market Play house to Bolton-street  
 St. James's Gate to Somerset-house  
 Somerset house to the upper End of Hatton-Garden

Parker.

January 1768.

The Planets daily Motions Geocentrick.

The Planets Latitudes and Place of ☾'s ☾ to every 6th Day.															☾	☿	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	
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# The Heliocentrick Motions.

January 1768.

Day	☉	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	Day-lig. B. & E.	Sun Ri. Set	Clos too f	
1	0	42	10	43	7	45	10	42	20	44	3	59	5 59 7 8	9 4	4
7	0	56	11	10	10	43	16	49	29	44	14	55	5 56 7 8	5 4	6
14	1	9	11	37	13	42	22	56	10	14	13	22	5 52 7 7	59	9
21	1	23	12	5	16	43	29	3	19	58	0	25	5 46 7 7	51	11
28	1	36	12	32	19	4	58	9	29	42	16	55	5 39 7 7	42	2

M	H. Wat. Lob. H.		The Lunar Aspects.						The Mutual Aspects.
	Morn.	After	☉	♈	♉	♊	♋	♌	
1	11 39							♌ 20	
2	0 14	0 4		♌ 16	♌ 0				
3	1 16	1 4	♌ 16						
4	2 43	2 30			☐ 10		♌ 20		
5	2 58	3 1			♌ 7				
6	3 3	3 4			* 16			♌ 22	
7	3 59	4 1		* 8		☐ 20	☐ 8		
8	4 28	4 44	♌ 22						
9	5 0	5 10		☐ 18				☐ 14	
10	5 32	5 4				* 12	* 2		♌ Apog.
11	6 19	6 3	☐ 16		♌ 17				
12	6 54	7 18		♌ 6				* 14	☐ 14
13	7 43	8 12							
14	8 41	9 14	* 9						
15	9 48	10 21				♌ 17	♌ 12		
16	10 56	11 31			* 15				
17	0 37	1 8		♌ 0				♌ 20	
18				☐ 18					
19	1 37	2 6	♌ 6						
20	2 31	2 56			♌ 20	* 8	* 8		
21	3 24	3 1		♌ 7					♌ 8
22	3 47	4 4				☐ 10	☐ 10	* 12	
23	4 21	4 40	* 18	☐ 9					
24	4 59	5 18				♌ 13	♌ 15	☐ 19	♌ Perig.
25	5 47	6 1	☐ 23	* 11	♌ 7				
26	6 33	7 1							☐ 14
27	7 33	8						♌ 6	
28	8 42	9 2	♌ 16						
29	9 56	10 35		♌ 18	♌ 8	♌ 6	♌ 13		
30	11 11	11 47							
31	0 37			☐ 18					

Parker.

February 1768.

The Planets in Merions Geocentrick.

18 W

The Planets Latitudes and Place of ☾ to every 6th Day.

☿	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	Sun's Declin. South.
1	12	15	26	34	0	27	27	26	21	55	22	41	27	6	1	8	17	9							
2	13	16	9	11	1	35	27	23	21	54	23	23	28	14	2	4	16	51							
3	13	17	21	36	2	38	27	21	22	55	24	5	29	23	4	2	16	34							
4	15	18	31	20	3	32	27	18	22	56	24	47	CV	30	6	1	16	16							
5	16	18	15	55	4	16	27	16	22	56	25	29	1	30	7	40	15	58							
6	17	9	27	53	4	48	27	13	22	55	26	12	2	47	9	22	15	40							
7	18	20	9	47	5	8	27	11	22	56	26	54	3	50	14	4	15	21							
8	19	20	21	39	5	14	27	9	22	56	27	36	5	12	12	46	15	2							
9	20	21	31	34	5	6	27	7	22	55	28	18	6	14	14	30	14	43							
10	21	22	15	3	4	46	27	5	22	55	29	0	7	23	16	14	14	24							
11	22	22	27	4	4	13	27	3	22	55	29	43	8	32	7	59	14	4							
12	23	23	10	10	3	26	27	2	22	52	OV	2	9	42	19	44	13	44							
13	24	24	22	57	2	29	27	0	22	51	1	7	10	54	11	25	3	24							
14	25	24	6	6	1	22	26	59	22	49	1	49	12	0	23	1	3	4							
15	26	25	19	40	0	9	26	57	22	48	2	31	13	1	25	3	12	41							
16	27	25	43		1	N	26	56	22	46	3	14	14	20	6	52	2	23							
17	28	26	18	10	2	21	26	55	22	44	3	56	19	30	8	42	12	2							
18	29	26	2	6	3	27	26	54	22	42	4	38	16	40	0	32	1	41							
19	27	17	53		4	20	26	53	22	40	5	21	17	56	2	24	11	20							
20	1	27	57		4	55	16	52	22	37	6	3	19	0	4	15	10	58							
21	2	27	51		5	9	26	51	22	35	6	45	20	11	6	7	37								
22	3	28	31		5	3	26	51	22	32	7	28	21	21	8	0	15								
23	4	28	16	51	4	3	26	50	22	29	8	10	22	31	9	55	9	53							
24	5	28	0	10	3	57	26	50	22	26	8	52	23	42	11	50	9	31							
25	6	29	14	25	3	3	26	50	22	23	9	3	24	52	12	45	9	9							
26	7	29	17	41	2	1	26	50	22	19	10	18	16	2	15	40	8	46							
27	8	29	1	33	0	54	26	50	22	15	11	0	27	17	7	34	8	24							
28	9	29	23	22	0	S	15	26	50	22	11	4	18	2	9	28	8	1							
29	10	29	5	51	1	22	26	50	22	7	12	2	9	54	12	21	7	39							



## The Heliocentrick Motions.

Feb. 1768.

Day	h	m	s	°	'	"	°	'	"	°	'	"	Day	h	m	s	°	'	"	Day	h	m	s	°	'	"
1	5	2	13	4	3	21	12	25	11	3	5	28	5	30	7	7	30	5	14	8						
7	2	6	13	31	26	28	18	20	20	4	24	25	5	21	7	7	20	5	14	41						
13	2	19	13	58	9	37	24	24	0	11	13	13	5	13	7	7	9	5	14	43						
19	2	33	14	25	2	18	0	27	9	57	7	31	5	0	7	6	57	6	14	25						
25	2	46	14	52	6	0	6	29	19	32	5	8	4	50	8	5	46	6	13	35						

[illegible]

Parker.

March 1768.

The Planets daily Motions Geocentrick.

18 49

The Planets Latitudes and Places of ☾ & ☿ to every 6th Day.				☿	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	Sun's Declin. South.
1	12	29	18 12	2 S 23	26 51	22 3	13 8	0 45	23 13	7 16							
2	12	29	18 24	3 17	26 51	21 58	13 50	1 58	25 3	6 53							
3	13	30	18 28	4 2	26 52	21 54	14 33	3 7	26 52	6 10							
4	14	30	24 26	4 35	26 52	21 49	15 16	4 18	28 39	6 7							
5	15	29	6 21	4 57	26 53	21 44	15 58	5 29	29 24	5 44							
6	16	29	18 11	5 5	26 54	21 39	16 41	6 40	2 6	5 26							
7	17	29	0 5	5 0	26 55	21 34	17 24	7 51	3 46	4 57							
8	18	29	18 0	4 43	26 56	21 29	18 6	9 2	5 18	4 34							
9	19	29	24 0	4 12	26 58	21 21	18 49	10 14	6 46	4 10							
10	20	29	6 2 5	3 30	26 59	21 18	19 32	11 25	8 9	3 47							
11	21	29	18 30	2 38	27 1	21 12	20 14	12 37	9 27	3 23							
12	22	28	1 10	1 36	27 2	21 6	20 57	13 48	10 40	2 59							
13	23	28	14 12	0 28	27 4	21 0	21 40	15 4	11 49	2 35							
14	24	28	27 39	ON 43	27 5	20 54	22 23	16 12	12 49	2 12							
15	25	27	11 39	1 55	27 7	20 47	23 5	17 23	13 42	1 48							
16	26	27	26 4	3 27	27 9	20 41	23 48	18 35	14 27	1 25							
17	27	27	10 57	3 58	27 11	20 35	24 31	19 47	15 3	1 1							
18	28	26	26 8	4 39	27 13	20 28	25 24	20 58	15 30	0 37							
19	29	26	11 27	5 0	27 16	20 22	25 57	22 10	16 49	0 14							
20	29	25	26 42	4 59	27 18	20 15	26 40	23 21	17 0	ON 10							
21	1	25	11 42	4 38	27 20	20 9	27 23	24 14	16 6	0 34							
22	2	24	26 20	3 53	27 23	20 4	28 6	25 46	16 2	0 57							
23	3	24	10 28	3 6	27 25	19 55	28 49	26 58	15 53	1 21							
24	4	23	24 9	2 4	27 28	19 48	29 32	28 10	15 35	1 45							
25	5	22	7 24	0 57	27 32	19 40	ON 1	29 27	15 11	2 8							
26	6	21	20 18	OS 11	27 35	19 33	0 58	ON 34	14 44	2 32							
27	7	21	28 52	1 17	27 39	19 25	1 41	1 46	14 7	2 55							
28	8	20	15 11	2 18	27 42	19 18	2 04	2 58	13 26	3 18							
29	9	19	27 22	3 12	27 45	19 10	3 7	4 11	12 43	3 42							
30	10	18	9 23	3 56	27 49	19 3	3 50	5 23	11 58	4 5							
31	11	17	21 20	4 10	27 52	18 55	4 33	6 35	11 10	4 28							

# The Heliocentrick Motions.

March 1768.

Day.	Hg.	Sun.	Ch.
B. & E.	Ri. Ser.	con. fed.	
1	43 8	6 38 6	12 41
2	43 8	6 38 6	12 41
3	43 8	6 38 6	12 41
4	43 8	6 38 6	12 41
5	43 8	6 38 6	12 41
6	43 8	6 38 6	12 41
7	43 8	6 38 6	12 41
8	43 8	6 38 6	12 41
9	43 8	6 38 6	12 41
10	43 8	6 38 6	12 41
11	43 8	6 38 6	12 41
12	43 8	6 38 6	12 41
13	43 8	6 38 6	12 41
14	43 8	6 38 6	12 41
15	43 8	6 38 6	12 41
16	43 8	6 38 6	12 41
17	43 8	6 38 6	12 41
18	43 8	6 38 6	12 41
19	43 8	6 38 6	12 41
20	43 8	6 38 6	12 41
21	43 8	6 38 6	12 41
22	43 8	6 38 6	12 41
23	43 8	6 38 6	12 41
24	43 8	6 38 6	12 41
25	43 8	6 38 6	12 41
26	43 8	6 38 6	12 41
27	43 8	6 38 6	12 41
28	43 8	6 38 6	12 41
29	43 8	6 38 6	12 41
30	43 8	6 38 6	12 41

M.	H. Wat. Lon. E.	The Lunar Aspects.	The Mutual Aspects.
D.	Motu.	Attr.	
1	0 22	0 45	
2	1 8	1 30	
3	1 42	2 13	
4	2 34	2 49	
5	3 4	3 18	
6	3 38	3 44	
7	3 57	4 12	
8	4 28	4 45	
9	5 3	5 23	
10	5 44	6 10	
11	6 36	7 6	
12	7 37	8 12	
13	8 45	9 22	
14	10 0	10 34	
15	11 8	11 41	
16	0 14	0 14	
17	0 43	1 12	
18	1 38	2 5	
19	2 30	2 55	
20	3 13	3 32	
21	3 49	4 7	
22	4 30	4 54	
23	5 18	5 42	
24	6 12	6 42	
25	7 13	7 44	
26	8 18	8 59	
27	9 27	10 0	
28	10 47	10 55	
29	11 23	11 51	
30	0 14	0 14	
31	0 37	1 0	

Parker.

April 1768.

The Planets daily Motions Geocentrick.

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The Planets Latitudes  
and Place of J's ☉  
to every 6th Day.

1	05 44	1N 35	1S. 5	1S. 1	2N 32	17 9
7	0 42	1 35	1 12	1 14	1 1	16 50
13	0 4	1 36	1 19	1 2	0S. 34	16 31
19	0 4	1 35	1 26	1 32	1 49	16 12
25	0 40	1 34	1 33	1 38	2 37	15 44

M D	☉	☿	♂	♂	L (r.)	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Sun's Declia. North.
1	12 11	3 15	4S. 5	17 56	18 48	5 10	7 47	10 22	4 51							
2	13 1	15 6	5 C	17 59	18 40	5 59	8 59	9 34	5 14							
3	14 14	16 19	4 56	18 3	8 32	4 47	10 11	8 47	5 37							
4	15 17	8 31	4 39	18 7	8 25	7 20	11 23	8 2	6 0							
5	16 12	10 11	4 5	18 11	18 17	8 8	12 36	7 20	6 23							
6	17 11	2 55	3 29	18 1	18 10	8 51	13 48	6 40	6 45							
7	18 11	15 5	2 39	18 20	8 2	9 34	15 C	6 7	7 8							
8	19 0	27 30	1 39	18 24	17 55	10 17	16 12	5 36	7 30							
9	19 7	10 6	0 34	18 28	17 47	11 C	17 25	5 10	7 52							
10	21 1	13 4	ON. 34	18 33	17 39	11 43	18 37	4 49	8 15							
11	22 1	6 24	1 43	18 37	17 32	12 26	19 49	4 33	8 37							
12	23 4	20 12	2 42	18 42	17 24	13 C	21 2	4 21	8 58							
13	24 7	4 19	3 41	18 47	17 16	13 55	2 14	4 15	9 29							
14	25 1	9 9	4 28	18 52	17 9	14 3	23 26	4 13	9 42							
15	25 59	4 16	4 55	18 57	17 1	15 18	24 39	4D 20	10 3							
16	26 58	19 34	5 0	19 2	16 54	16 1	25 51	4 30	10 24							
17	27 57	4 53	4 41	19 7	16 46	16 44	27 4	4 44	10 45							
18	28 5	20 2	4 C	19 12	16 39	17 2	28 16	5 3	11 6							
19	29 53	4 50	3 17	19 17	16 31	18 1	29 29	5 27	11 27							
20	30 52	9 11	2 14	19 22	16 23	18 53	30 42	5 58	12 47							
21	1 50	3 0	1	19 28	16 16	19 31	1 54	6 31	12 8							
22	2 49	16 22	0S. 6	19 33	16 9	20 16	3 7	7 5	12 28							
23	3 47	29 19	1 14	19 38	16 2	21 2	4 20	7 43	12 48							
24	4 45	11 54	2 17	19 44	15 55	21 45	5 32	8 27	13 8							
25	5 44	24 11	3 12	19 49	15 48	22 28	6 45	9 15	13 27							
26	6 42	11 18	3 57	19 55	15 41	23 11	7 58	10 6	13 46							
27	7 40	18 16	4 31	20 0	15 35	23 54	9 10	11 0	14 5							
28	8 38	0 10	4 53	0 6	15 28	24 37	10 23	11 58	14 24							
29	9 36	12 2	5 3	0 12	15 21	25 20	11 35	12 58	14 42							
30	10 35	23 55	4 59	0 18	15 15	26 5	12 48	14 1	15 1							

## The Heliocentrick Motions.

April 1768.

[illegible]

M H W L S B				The Lunar Aspects.				The Mutual Aspects.	
D	Morn.	A. CIB.	☉	☿	♈	♉	♊	♋	♌
1	1 22	1 42	☿ 20		♈ 4		♉ 14		☿ Apog.
2	2 3	2 21		♈ 7	☐ 21				
3	3 42	3 57	♈ 2						
4	3 12	3 27					♈ 4		* ☿ ♋
5	3 41	3 56							
6	4 12	4 31			* 12		♈ 6	☿ ♋	
7	4 51	5 12	♈ 6	* 7	☐ 6				
8	5 33	5 59	☿ 2	☐ 16	* 12		♈ 16		
9	6 25	6 53	☐ 20						
10	7 21	7 54					♈ 20		
11	8 22	9 2		♈ 19	♈ 11				
12	9 36	10 5	* 6	♈ 16					
13	10 43	11 26							
14	11 49		☐ 16						
15	0 19	0 48		☿ 20	* 19		♈ 0		
16	1 16	1 45	☿ 12	* 16					☿ Perig.
17	2 13	2 42			☐ 19				* ☉ ♈ ☐ ♈ ♋
18	3 3	3 24					* 13		
19	3 43	4 2		♈ 10			♈ 1		
20	4 25	4 47	* 22	♈ 18	♈ 6	☐ 22			
21	5 10	5 34					☐ 8		
22	6 2	6 30		☐ 0					
23	6 58	7 16	☐ 9			♈ 10	♈ 17		
24	7 16	8 23		* 9	♈ 14				
25	8 53	9 21		* 10					
26	9 50	10 19	♈ 1						
27	10 44	11 10							
28									
29	11 35	0 24	☐ 0		♈ 2				
30	0 46	0 9	♈ 13	♈ 7	♈ 5		♈ 2	☿ Apog.	

Parker.

May 1768.

The Planets daily Motions Geocentrick.

18 77

The Planets Latitudes and Place of $\odot$ to every 6th Day.	1	0 S. 39	1 N. 33	1 S. 40	1 S. 41	25 59	15 35
	7	0 38	1 31	1 47	1 40	2 57	15 37
	13	0 38	1 31	1 51	1 37	2 35	14 59
	9	0 37	1 30	0 1	1 31	1 53	14 40
	15	0 36	1 28	2 8	1 23	0 54	14 22

M. D.	$\odot$	$\delta$	$\gamma$	$\pi$	Lat. $\delta$	$\gamma$	$\pi$	$\delta$	$\pi$	$\gamma$	$\delta$	$\pi$	$\gamma$	Sun's Declin. North.
1	11	33	5	51	4 S. 43	0 24	15 9	26 4	14 1	15 5	15 19			
2	12	31	17	50	4 14	0 30	15 2	27 28	15 14	16 14	15 37			
3	13	29	29	55	3 32	0 36	14 56	28 11	16 26	17 20	15 54			
4	14	27	12	8	2 41	0 43	14 50	28 54	17 39	18 38	16 12			
5	15	26	14	29	1 43	0 49	14 44	29 37	18 52	19 54	16 29			
6	16	2	7	77	1 0	0 37	0 56	14 38	29 19	20 4	16 45			
7	17	21	19	46	ON. 31	1 2	14 31	1 21	27 22	21 35	17 2			
8	18	19	1	10	1 40	1 8	14 28	1 45	22 30	23 59	17 18			
9	19	16	16	7	2 44	1 15	14 21	2 27	23 42	25 26	17 34			
10	20	14	29	50	3 41	1 21	14 18	3 10	24 55	26 54	17 50			
11	21	12	13	54	4 26	1 28	14 13	3 52	26 8	28 23	18 5			
12	22	10	18	21	4 56	1 34	14 8	4 35	27 20	29 54	18 20			
13	23	8	13	7	5 7	1 41	14 3	5 17	28 33	17 28	18 35			
14	24	6	18	7	4 58	1 48	13 59	5 59	29 46	3 5	18 49			
15	25	3	13	13	4 27	1 54	13 51	6 42	0 59	4 43	19 3			
16	26	1	18	13	3 38	2 1	13 50	7 24	2 12	6 24	19 17			
17	26	59	12	8	2 36	2 8	13 46	8 6	3 24	8 7	19 30			
18	27	56	17	19	1 25	2 15	13 42	8 49	4 37	9 52	19 44			
19	28	54	11	15	0 10	2 22	13 38	9 33	5 50	11 38	19 57			
20	29	52	14	4	1 S. 3	2 29	13 35	10 13	7 3	13 27	20 9			
21	29	49	7	14	2 10	2 36	13 31	10 55	8 16	15 17	20 21			
22	1	47	7	25	3 9	2 43	13 27	11 38	9 29	17 10	20 33			
23	2	44	21	4	3 57	2 50	13 24	12 20	10 42	19 6	20 44			
24	3	42	14	52	4 34	2 57	13 21	13 2	11 55	21 4	20 55			
25	4	39	26	51	4 59	3 4	13 19	13 44	13 8	23 4	21 6			
26	5	37	8	44	5 10	3 11	13 17	14 26	14 21	25 6	21 16			
27	6	34	20	37	5 8	3 19	13 15	15 8	15 34	27 9	21 26			
28	7	31	21	32	4 53	3 26	13 13	15 49	16 47	29 14	21 36			
29	8	29	14	32	4 25	3 34	13 11	16 3	17 59	1 21	21 45			
30	9	27	26	40	3 45	3 41	13 9	17 13	19 12	3 30	21 54			
31	10	24	8	55	2 54	3 49	13 8	17 55	20 25	5 41	22 2			

# The Heliocentrick Motions.

May 1768.

Days	h	u	δ	⊙	♈	♉	♊	♋	♌	Day-lig. B. & E.	Sun R. I. Ser.	Clock too fl.								
1	5	15	19	52	13	33	11	33	4	4	12	23	2	6	10	4	40	8	3	12
7	5	28	20	19	7	9	17	21	13	35	0	54	1	44	11	4	29	8	3	48
13	5	42	20	47	20	47	23	8	23	7	21	48	1	19	11	4	20	8	4	1
19	5	55	21	14	24	27	28	54	2	39	16	18	0	48	12	4	12	8	5	57
25	6	9	21	41	28	8	4	39	12	13	16	40	No Nig			4	4	8	3	30

M D.	H. W. t. Lon. B.				The Lunar Aspects.						The Mutual Aspects.	
	Morn.	Altern.			☉	♈	♉	♊	♋	♌		
1	32	1	55	8	12						♈♉♊♋♌	
2	18	2	38						☐ 20			
3	2	28	3	14								
4	3	39	3	46			*	5		Δ 2	Δ 14	
5	4	2	4	22		♈ 11		*	10			
6	4	42	5	2	Δ 20		☐ 15					
7	5	22	5	46						☐ 3	☐ 5	Δ 1♈
8	6	10	6	3			Δ 21					
9	7	4	7	34	☐ 6				*	16	* 19	
10	8	3	8	35		Δ 2		♈ 6				
11	9	7	9	39	* 16							
12	10	12	10	4		☐ 7						
13	11	18	11	50			♈ 2					♊ Perig.
14			0	23		*	8		*	13	♈ 3	♈ 9
15	0	55	1	27	♈ 20							
16	1	59	2	31				☐ 16				
17	2	54	3	16			Δ 2					*♈♉
18	3	35	3	44		♈ 9		Δ 12	*	17		
19	4	10	4	38				☐ 5			*	1
20	4	58	5	18	* 13							
21	5	42	6	3			*	13		☐ 1	☐ 17	
22	6	27	6	51								
23	7	16	7	40	☐ 0	*	1		♈ 21	Δ 14		
24	8	5	8	31							Δ 16	
25	8	57	9	24	Δ 18	☐ 14						
26	9	50	10	19			♈ 9					*♈♉
27	10	45	11	12								♊ Apog.
28	11	39				Δ 2						
29	0	7	0	33				Δ 4	♈ 8			
30	0	58	1	23							♈ 17	
31	1	48	2	13	♈ 31		*	9	☐ 20			

Parker.

June 1768.

The Planets daily Motions Geocentrick.

18 77

The Planets Latitudes and Place of Days to every 6th D.y.					7	OS. 35	IN. 27	2S. 16	IS. 12	ON. 18	14	0						
					7	0 35	1 25	2 25	1 C	1 14	13 42							
					13	0 34	1 23	2 29	0 47	1 49	13 26							
					19	0 34	1 22	2 36	0 33	1 58	13 2							
					25	0 33	1 20	2 42	0 1	1 47	12 48							
M	D.	0	11	22	1	Lat.	h	6	12	8	12	2	8	12	2	8	12	Sun's Decl'n. North.
1	11	22	31	22	15	34	3	56	13	0	18	36	21	38	7	54	22	10
2	12	19	30	9	0	47	4	3	13	5	9	17	22	51	10	7	22	18
3	13	16	16	49	ON	21	4	11	13	4	9	50	24	4	12	20	22	2
4	14	14	29	50	1	33	4	18	13	3	10	40	25	17	14	32	22	32
5	15	11	17	6	2	40	4	26	13	2	11	21	25	30	16	44	22	39
6	16	8	26	26	3	39	4	33	13	1	12	3	27	43	18	54	22	45
7	17	0	10	21	4	26	4	41	13	1	22	42	28	50	21	6	22	51
8	18	3	24	22	4	59	4	49	13	C	23	25	0	11	23	16	22	56
9	19	0	8	35	5	1	4	56	13	C	24	6	1	25	25	25	23	1
10	19	58	23	2	5	10	5	4	13	C	24	46	2	35	27	33	23	5
11	20	55	7	38	4	46	5	12	13	D.	25	27	3	48	29	39	23	10
12	21	52	12	18	4	2	5	19	13	1	26	8	5	2	10	13	23	13
13	22	49	6	11	3	4	5	27	13	2	26	48	6	15	3	45	23	17
14	23	47	21	23	1	5	5	35	13	3	27	28	7	28	5	6	23	29
15	24	44	5	31	0	38	5	42	13	4	28	9	8	41	7	4	23	22
16	25	41	1	19	OS.	38	5	50	13	C	28	49	9	54	9	42	23	24
17	26	38	2	15	1	50	5	58	13	C	29	23	11	8	11	37	23	26
18	27	36	15	48	2	55	6	5	13	8	0	Y	9	12	21	13	3	27
19	28	33	28	30	3	49	6	13	13	10	0	48	13	34	15	24	23	28
20	29	30	10	54	4	30	6	21	13	12	1	28	14	47	17	30	23	28
21	30	27	23	4	4	56	6	29	13	14	2	7	16	0	18	56	23	28
22	1	24	5	4	5	15	6	36	13	16	2	46	17	14	20	35	23	28
23	2	22	16	59	5	16	6	44	13	19	3	26	18	27	22	39	23	27
24	3	19	28	52	5	C	6	52	13	21	4	3	19	40	23	56	23	26
25	4	16	10	50	4	40	7	0	13	24	4	44	20	54	25	36	23	24
26	5	13	22	53	4	2	7	8	13	27	5	23	22	7	27	4	23	22
27	6	10	5	8	3	13	7	16	13	30	6	1	23	20	28	3	23	20
28	7	8	17	34	2	14	7	23	13	34	6	4	24	34	0	5	23	17
29	8	5	0	17	1	7	7	31	13	37	7	19	25	47	1	3	23	13
30	9	2	13	12	ON	4	7	39	13	41	7	57	27	0	3	5	23	10



# The Heliocentrick Motions.

June 1768.

	h	s	l	δ	π	Θ	z	q	v	Q	U	Day-lig B. & E.	Sun Ri. Set.	Clock 100 An
1	6	24	22	13	2	28	11	21	23	24	26	No	3 59 9	2 39
7	6	58	22	40	6	12	17	6	38	0	49	Dark-	3 51 9	1 39
3	6	53	23	7	9	57	22	49	12	36	95	nese	3 50 9	0 27
9	7	5	23	35	13	43	8	31	22	13	97	but	3 48 9	0 49
5	7	19	24	2	17	30	4	16	11	58	12	Tw-lig	3 48 9	2

H. W. L. S. B.		The Linear Aspects.						The Mutual Aspects.	
Morn.	After.	☉	h	☿	♂	♀	♂		
1	2 39	2 58	☉ 18						
2	3 17	3 3		☐ 17					Δ ☉ ☿
3	3 50	4			* 6	Δ 16			♂ ☉ ☿
4	4 27	4 47							
5	5 6	5 26	Δ 4	Δ 0			Δ 8		
6	5 46	6 11		Δ 14		☐ 2			
7	6 36	7 1	☐ 12		♂ 22		☐ 12		
8	7 27	7 52	☐ 17			* 12			
9	8 29	9 2	* 19	♂ 8					☉ Perig.
10	9 36	10 11	* 20				* 10		
11	10 47	11 24				* 7	♂ 23		
12	0	0							
13	0 33	1 6		Δ 11					♂ h ☿
14	1 38	2 10	♂ 4		☐ 20				
15	2 36	3 2	♂ 0	☐ 14			♂ 19		
16	3 22	3 41			Δ 17				
17	3 56	4 12		* 19		k 14			Δ 17
18	4 31	4 49							
19	5 6	5 24	* 0	* 16					
20	5 44	6 4				☐ 8	* 14		
21	6 25	6 46	☐ 16		♂ 20				
22	7 9	7 31	☐ 3	♂ 17					
23	7 50	8 12				Δ 3	☐ 14		☉ Apog.
24	8 51	9 20	Δ 12	Δ 16					
25	9 59	10 19							
26	10 49	11 20							Δ 2 ☐ ☉
27	11 50			* 16	Δ 2				
28	0 23	0 52				♂ 16			♂ ☉ h
29	1 21	1 49	♂ 16	♂ 1		☐ 11			☐ h ☿
30	2 17	2 39		☐ 1					

Parker.

July 1768.

The Planets daily Motions Geocentrick.

12 17

The Planets Latitudes  
and Place of  $\odot$ 's  $\odot$   
to every 6th Day.

1	OS. 13	IN. 18	22. 48	OS. 5	IN. 4	12	30
7	0 33	1 17	2 53	ON 10	0 8	12	12
13	0 32	1 15	2 58	0 24	15. 2	12	54
19	0 32	1 14	3 3	0 38	2 34	12	36
25	0 3	1 13	3 7	0 50	3 19	12	28

M	D	☉	☽	☿	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	Sun's Declin. North.
1	9	59	20	24	1N.17	7	47	13	45	8	36	18	14	4	31	23	6
2	10	51	9	50	2 26	7	55	13	49	9	14	29	27	5	53	23	1
3	11	54	21	29	3 29	8	3	13	53	9	52	0 41	7	14	22	56	
4	12	51	7	19	4 28	8	11	13	58	10	29	1 54	8	32	22	51	
5	13	42	21	18	4 57	8	18	14	2	11	7	3	54	9	46	22	45
6	14	4	5	25	5 15	8	26	14	6	12	44	4	21	10	56	22	39
7	15	42	19	36	5 15	8	34	14	11	12	21	5	35	12	2	22	33
8	16	39	3	50	4 56	8	42	14	26	12	58	6	49	13	6	22	26
9	17	37	18	4	4 19	8	46	14	21	13	35	8	2	14	8	22	18
10	18	54	2	17	3 26	8	57	14	26	14	11	9	10	15	7	22	11
11	19	3	16	26	2 20	9	5	14	31	14	48	10	30	16	3	22	3
12	20	28	0	24	1 7	9	12	14	37	15	24	11	43	16	57	21	54
13	21	2	14	10	OS. 9	9	20	14	42	16	0	12	57	17	48	21	46
14	22	23	27	42	1 24	9	28	14	48	16	35	14	11	18	36	21	36
15	23	20	0	56	2 32	9	35	14	54	17	11	15	24	19	20	21	27
16	24	17	23	52	3 30	9	43	15	0	17	47	16	38	20	1	21	17
17	25	14	6	31	4 17	9	51	15	6	18	22	17	52	21	36	21	7
18	26	12	18	54	4 50	9	58	15	13	18	57	19	5	21	7	20	56
19	27	9	1	2	5 10	10	6	15	19	19	31	20	19	21	34	20	45
20	28	6	13	3	5 16	10	14	15	26	20	5	21	33	21	56	20	34
21	29	4	24	59	5 9	0	21	15	32	20	39	22	47	22	14	20	22
22	30	1	6	11	4 48	10	29	15	39	21	13	24	0	22	28	20	10
23	31	0	58	18	4 15	10	37	15	46	21	46	25	14	22	39	19	58
24	32	1	56	0	3 30	10	44	15	54	22	19	26	28	22	43	19	45
25	33	2	53	11	2 35	10	52	16	1	22	52	27	42	22	44	19	31
26	34	3	50	25	1 31	10	59	16	9	23	21	28	56	22	38	19	19
27	35	4	47	37	0 21	11	7	16	16	23	57	0 10	21	22	28	19	5
28	36	5	45	50	ON 51	11	14	16	24	24	29	1 23	22	14	18	18	51
29	37	6	42	5	2 3	11	21	16	32	25	1	2 37	21	53	18	37	37
30	38	7	40	15	3 9	11	29	16	40	25	32	3 51	21	29	18	24	24
31	39	8	37	23	4 4	11	36	16	48	26	3	5	5	21	0	18	9

# The Heliocentrick Motions.

July 1768.

Day	☿	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	Day-imp. R. & E.	Sun Ri. Ser.	Clock too 12.
1	7	32	24	20	21	18	9	59	31	32	25	8	No	3 50 9	3 18	
7	7	46	24	50	25	6	15	42	21	13	13	13	Duck-	3 53 9	4 21	
13	7	50	25	24	28	54	21	25	00	55	04	10	neck bar	3 59 0	5 10	
19	8	13	25	52	23	43	27	9	10	37	19	32	Twilig.	4 9 8	5 45	
25	8	26	26	18	6	31	2	3	20	21	17	49	0 45	12 4 13	8 5	

M. H. Wat. L. & Br.			The Lunar Aspects.						The Mutual Aspects.	
D.	Adorn.	Altera	☉	☿	♈	♉	♊	♋		
1	3	0	3	17				* 23	♈ 17	
2	3	34	3	49		Δ 9				
3	4	5	4	83				Δ 12		
4	4	43	5	0	Δ 10	Δ 2				
5	5	19	5	41				□ 22		☉ ☿
6	6	3	6	28	□ 17	□ 6	♈ 16	♈ 11	Δ 10	
7	6	54	7	20						♈ ♉ Δ 6 ♈
8	7	54	8	20	* 23	* 5			* 7	* ♈ ♈ ♈ 6 ♈ ♈
9	9	4	9	43						♈ ♈ 6
10	10	22	11	1		Δ 21	* 12			
11	11	39							* 0	
12	0	14	0	49	♈ 15			♈ 22		
13	0	19	1	49	♈ 14		□ 1	□ 3		□ ♈ ♈
14	2	16	2	4						
15	3	3	3	19			* 7	Δ 11	♈ 17	
16	3	33	3	48						□ ♈ ♈
17	4	2	4	16	* 16	* 7			* 0	
18	4	32	4	48						
19	5	4	5	20	□ 14					
20	5	59	5	58			♈ 5	♈ 14	□ 20	* 18
21	6	20	6	42	□ 9					♈ ♈
22	7	6	7	30		Δ 7				
23	7	0	8	30					Δ 12	□ 3
24	8	2	9	3	Δ 2					
25	10	9	10	43			* 6	Δ 20		Δ 18
26	11	17	11	5						
27		0	0	21		♈ 5	□ 10			
28	0	52	1	20				□ 4	♈ 19	
29	1	48	2	14	♈ 2		Δ 19			
30	2	40	2	58				* 10		♈ 5
31	3	16	3	31	Δ 14					

August 1768.

100

The Planets Latitudes and Place of $\gamma$ 's Q to every 6th Day.	1	OS. 30	1N. 11	3S. 11	1N. 1	4 <sup>h</sup> . 46	10	57
	7	0 30	1 10	3 15	1 11	4 53	10	39
	13	0 29	1 9	3 17	1 18	3 44	10	20
	19	0 29	1 8	3 17	2 25	2 3	10	2
	25	0 29	1 7	4 18	1 25	0 18	9	44

M	D	○	☾	☽	☿	♂	♀	♂	♀	♂	♀	♂	♀	♂	♀	Sun's Declin. North.
1	9	35	17	41	4N.45	13	43	16	56	26	34	6	19	20	27	17 52
2	10	32	27	4	5 9	13	50	17	4	27	4	7	33	19	49	17 37
3	11	30	16	26	5 12	13	57	17	13	27	34	8	47	19	6	17 21
4	12	27	8	44	4 57	12	5	17	21	28	4	10	1	18	19	17 5
5	13	26	14	55	4 24	12	32	17	30	28	33	11	15	17	35	16 49
6	14	23	28	57	3 3	12	19	17	38	29	3	12	29	16	48	16 33
7	15	10	12	50	2 34	12	26	17	47	29	38	13	43	15	50	16 17
8	16	17	26	32	1 24	12	33	17	56	0 8	1	14	57	15	0	15 58
9	17	31	10	6	0 11	12	40	18	3	0	29	16	11	4	12	15 42
10	18	13	23	25	13. 1	12	47	18	24	0	56	17	26	13	27	15 23
11	19	10	6	34	2 6	12	53	18	23	1	23	18	46	12	47	15 5
12	10	8	19	30	3 9	13	0	18	33	1	49	19	54	12	10	14 47
13	21	6	2	13	3 59	13	7	18	42	2	15	21	8	11	38	14 29
14	22	3	14	43	4 36	13	14	18	52	2	40	22	21	11	12	14 10
15	23	1	27	0	4 59	13	20	19	4	3	5	23	37	10	52	13 57
16	23	59	9	6	5 9	13	27	19	11	3	30	24	51	10	40	13 32
17	24	56	21	4	5 5	13	34	19	21	3	54	26	9	10	35	13 13
18	25	54	2	58	4 48	13	41	19	31	4	18	27	20	10	37	12 54
19	26	52	14	49	4 19	13	47	19	41	4	42	28	34	10	47	12 36
20	27	50	26	45	3 38	13	53	19	51	5	5	29	48	11	4	12 14
21	28	48	8	48	2 48	13	59	20	1	5	27	1	53	11	31	11 54
22	29	46	21	4	1 48	14	6	20	13	5	49	2	17	12	6	11 34
23	30	44	3	38	0 48	14	13	20	21	6	10	3	23	12	50	11 13
24	1	42	16	32	0N.27	14	18	20	31	6	30	4	46	13	39	10 53
25	2	40	29	53	1 38	14	24	20	41	6	50	6	1	14	34	10 35
26	3	38	13	40	2 44	14	30	20	51	7	9	7	19	15	36	10 11
27	4	36	27	53	3 41	14	36	21	4	7	28	8	30	16	45	9 50
28	5	34	12	23	4 28	14	42	21	25	7	46	9	44	18	0	9 29
29	6	32	27	9	4 57	14	47	21	26	8	3	10	59	19	20	9 7
30	7	30	12	7	5 3	14	53	21	3	8	20	12	13	20	45	8 46
31	8	28	26	46	4 54	14	59	21	48	8	16	13	28	22	13	8 24

# The Heliocentrick Motions.

August 1768.

	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈
Day-ly.	Sun	Clock											
h. & E.	Ri. Set.	oo to d											
1 23 21	4 24 8	5 4	2 42 26	50 10	57 9	35 1	43 24	46 14	1 23 21	4 24 8	5 4	2 42 26	50 10
1 47 8	4 33 8	5 1	3 56 27	17 4	45 15	20 11	29 14	17 14	1 47 8	4 33 8	5 1	3 56 27	17 4
2 9 10	4 43 8	4 2	4 9 27	45 18	32 21	6 21	74 7	47 7	2 9 10	4 43 8	4 2	4 9 27	45 18
2 29 10	4 54 8	3 6	5 23 28	12 12	18 26	52 0	19 1	27 1	2 29 10	4 54 8	3 6	5 23 28	12 12
3 47 10	5 5 7	1 3	6 36 28	40 26	4 2	40 10	44 8	24 8	3 47 10	5 5 7	1 3	6 36 28	40 26

L. W. Lat. Lon. B.		The Lunar Aspects.						The Mutual Aspects.	
4th.	5th.	♈	♉	♊	♋	♌	♍		
3 47	4 3	Δ 15	□ 19				Δ 8		
4 20	4 46			♈ 2	♈ 19		Δ 5	♈ Perig.	
5 0	5 22					□ 18	□ 5		
5 44	6 11	□ 21	* 20						
6 38	7 10						□ 5		
7 48	8 18								
8 54	9 34	* 5		Δ 7		* 2	* 6	♈ ♈ ♈	
10 14	10 59					* 7		♈ ♈ ♈	
11 27	11 59		♈ 5	□ 15					
	0 32				□ 15		♈ 11	* ♈ ♈	
1 0	1 28					♈ 1		♈ ♈ ♈	
1 53	2 18	♈ 1							
2 36	2 53		* 21		Δ 0				
3 10	3 29								
3 38	3 57								
4 5	4 19		□ 8	♈ 20			* 3		
4 3	4 51	* 8				* 10	□ 16	♈ Apog.	
5 8	5 29		Δ 22		♈ 3				
5 46	6 8								
6 34	7 0	□ 2				□ 7	Δ 6		
7 19	7 58			* 22					
8 31	8 9	Δ 18							
9 40	8 16		♈ 20		Δ 0	Δ 0			
10 51	11 26		□ 7						
1 53				□ 12			♈ 6	Δ ♈ ♈	
0 37	0 58		Δ 11			♈ 19			
1 27	1 52	♈ 12			* 16				
2 17	2 38		Δ 3						
2 59	2 16								
3 33	3 50		□ 5	♈ 15		Δ 16	* ♈ ♈		
4 6	4 27	Δ 21		♈ 20			♈ Perig. Δ ♈ ♈		

September 1768.

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1	0	S.28	IN	6	3	S.17	IN	5	IN	9	9	22
7	0	28	1	5	3	15	1	22	1	44	9	3
1	0	28	1	4	3	11	1	17	1	4	8	45
19	0	27	1	3	3	5	1	10	1	2	8	26
24	0	27	1	3	2	56	1	1	0	5	8	7

	9	26	12	2	Lat. )	15	5	21	59	8	52	14	42	23	50	Sun Dec. n. North.	
1	10	24	25	40	2	37	15	10	22	10	9	7	15	56	25	28	8 1
2	11	23	9	43	3	35	15	16	22	22	9	21	17	11	27	9	7 40
3	12	21	23	45	1	30	5	2	22	33	9	34	18	25	28	53	6 56
4	13	19	6	54	0	19	15	26	22	48	9	47	19	40	om	41	6 33
5	14	17	20	7	0	S. 51	15	32	22	56	9	59	20	54	2	37	6 17
6	15	16	35	1	1	57	15	37	23	7	10	11	22	9	4	25	5 48
7	16	14	15	51	2	57	15	42	23	19	10	22	23	23	6	11	5 26
8	17	13	28	33	3	47	15	47	23	30	10	32	24	38	8	10	5 3
9	18	11	10	59	4	2	15	52	23	42	10	41	25	52	10	5	4 40
10	19	10	23	16	4	50	15	57	23	54	10	49	27	7	11	53	4 17
11	20	8	5	22	5	1	0	2	24	6	10	56	28	21	13	51	3 54
12	21	7	17	2	4	59	16	7	24	18	11	2	29	36	15	44	3 31
13	22	5	29	9	4	44	16	12	24	30	11	7	om	31	17	38	3 8
14	23	4	11	10	4	17	16	16	24	42	11	11	2	1	19	31	2 45
15	24	2	23	1	3	39	16	21	24	54	11	15	3	20	21	2	2 22
16	25	1	4	53	2	5	16	2	25	1	11	18	4	31	23	14	1 58
17	26	0	16	5	1	55	16	30	25	18	11	21	5	49	25	4	1 35
18	26	59	29	6	0	53	16	34	25	30	1	23	7	4	26	53	1 12
19	27	57	11	30	0	N. 13	16	38	25	44	1	24	8	10	28	41	0 48
20	28	56	24	18	1	21	16	4	25	54	1	26	9	3	om	28	0 25
21	29	55	7	47	2	26	16	46	26	7	11	2	10	4	2	24	0 2
22	30	54	21	3	3	2	16	50	26	19	11	2	12	5	4	0	0 25
23	31	53	5	54	4	13	16	53	26	31	11	18	13	17	5	46	0 45
24	32	52	10	38	4	46	16	57	26	44	11	13	14	32	7	30	1 9
25	33	51	5	41	5	0	17	0	16	57	11	8	15	4	9	13	1 32
26	34	0	20	53	4	58	17	4	17	9	11	0	17	0	10	54	1 16
27	35	49	6	8	4	26	17	7	27	22	10	28	18	16	12	36	2 19
28	36	48	20	9	3	40	17	10	27	35	10	48	19	3	14	16	2 45
29	37	47	5	11	2	4	17	14	27	47	10	40	20	45	15	56	3 6

Sept. 1768.

h	e	x	m	d	r	e	x	q	u	q	h	Day-fig. R. & E.	Sun Ri. Set.	Clock too flo.
9	52	29	12	0	25	9	26	22	5	21	49	3	7	9
10	5	29	39	4	9	15	16	11	28	28	45	3	24	9
10	19	om		7	50	21	7	11	30	om	5	3	37	9
10	31	0	34	11	30	26	59	21	10	26	36	3	52	9
10	46	1		15	9	27	52	om	49	18	36	4	5	8

H. Wat. Len. Br.			The Lunar Aspects.						The Mutual Aspects.	
Moon, Altitude			☉	☿	♂	♀	♂	♀		
4	48	5 11		* 7		△ 7			* ♀ ☿	
5	34	6 2					☐ 9			
6	31	7 3	☐ 3		△ 22					
7	26	8 11						* 11		
8	50	9 28	* 11	♂ 16		* 6				
9	10	10 40			☐ 5		* 1			
10	11	11 43				☐ 14			* ☉ ♀	
11	0	12 14			* 12					
12	0	1 4				△ 23		♂ 23		
13	1	2 48	☉ 15	* 10			♂ 8			
14	2	3 32			☐ 22					
15	2	4 3				♂ 14				
16	3	5 31							☉ Apog.	
17	3	6 57			△ 7		♂ 0		* 21	
18	4	7 29								
19	4	8 6	* 2							
20	5	9 47					* 0			
21	6	10 38	☐ 20		* 15			☐ 19		
22	7	11 37						☐ 17		♂ ☉ ☿
23	8	12 42		♂ 12		△ 0				
24	9	1 55	△ 9		☐ 4			△ 13		
25	10	2 59				☐ 6	△ 6			
26	11	3 31			△ 9					
27	0	4 32		△ 18		* 8				
28	1	5 28	♂ 21							
29	1	6 20		☐ 18			♂ 16	♂ 6		
30	2	7 5			♂ 9				☉ Perig.	
31	3	8 42		* 18		♂ 8				
32	4	9 22						△ 30		
33	4	10 8	△ 5							

October 1768.

## 18 - VI

1	0	S. 27	1	N. 2	2	S. 45	0	N. 49	0	N. 29	7	48
7	0	27	1	2	2	31	0	37	0	S. 23	7	29
13	0	26	1	3	2	14	0	2	1	4	7	10
19	0	26	1	1	1	54	0	8	1	43	6	50
25	0	25	1	1	1	34	0	S. 7	2	1	6	31

[illegible]



## The Heliocentrick Motions.

Octob. 1768.

Days	b c d e f g h i j k										Day-17		Sun		Wind					
	b	c	d	e	f	g	h	i	j	k	B. & E.	Ri. Set	too fl							
1	10	59	1	28	18	46	8	4	10	26	7	43	4	18	8	6	27	6	10	3
7	11	15	1	56	22	21	14	42	20	7	25	6	4	31	8	6	29	6	12	1
13	11	26	2	23	25	55	20	38	29	35	11	41	4	43	8	6	40	6	13	5
19	12	40	2	5	29	27	16	37	9	7	28	21	4	45	8	6	52	6	15	5
25	12	55	1	18	2	56	28	36	18	28	15	33	5	46	7	7	4	5	15	5

M H Wet Lon. Br.

**The Little Apeas.**

## The Mutual Aspects.

[illegible]

5

12

1	0	25	I	1	18	7	0	26	23	40	6	2
7	0	25	I	3	0	45	0	41	2	42	5	48
13	0	25	I	0	0	24	0	56	2	46	5	29
19	0	25	I	0	0	5	1	8	1	0	5	2
2	0	24	I	1	0	12	1	21	1	1	4	48

C		M		D		S		Lat		D		R		M		S		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D		R		D</	
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# The Heliocentrick Motions.

Nov. 1768.

Days	h	°	'	''	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	Day-lig. B. A. T.	Sun Ri. Set.	Clock of the Day	
1	12	5	3	50	6	58	9	36	29	43	7	46	5	17	7	7	16	5	16	14
7	12	23	4	27	10	24	15	38	9	12	18	45	5	25	7	7	27	5	16	2
13	12	36	4	45	13	47	21	41	18	41	25	48	5	34	7	7	37	5	15	21
19	12	50	5	28	17	8	27	44	28	10	27	1	5	42	7	7	46	5	14	9
25	13	3	5	40	20	27	3	14	49	7	22	13	5	48	7	7	54	5	12	27

H. W. & L. n. Br.	The Lunar Aspects.										The Mutual Aspects.	
D. Moorp. Aftern.	☉	♈	♉	♊	♋	♌	♍	♎	♏	♐		
1	7 27	7 4	☐	☉								
2	8 14	8 44					Δ 16	☐ 20				
3	9 15	9 43	* 48		* 0				☐ 23			
4	10 12	10 37		* 2								
5	11 3	11 29		☐ 13				* 9	* 12			
6	11 57											
7	0 19	0 42				♌ 12				♌ ♌ ♌		
8	1 4	1 27			♌ 3					♌ Apog. Δ ☉ h		
9	1 49	2 11	♌ 2	Δ 3								
10	2 33	2 55										
11	3 12	3 29						♌ 6	♌ 2			
12	3 44	4 0				Δ 12						
13	4 18	4 37			* 5							
14	4 50	5 4	* 13	♌ 4		☐ 22						
15	5 31	5 58		☐ 15								
16	6 23	6 49						* 13	* 0			
17	7 15	7 42	☐ 1		Δ 23	* 4						
18	8 17	8 42		Δ 17					☐ 6			
19	9 18	9 48	Δ 8					☐ 0				
20	10 20	10 53		☐ 15		♌ 8	Δ 4		Δ 5			
21	11 28											
22	0 4	0 35		* 16	♌ 4					♌ ♌ ♌		
23	1 6	1 37	♌ 16						♌ 20			
24	2 6	2 35										
25	3 2	3 23				* 8	♌ 12			♌ ☉ ♌		
26	3 44	4 4		♌ 17	Δ 6							
27	4 26	4 45				☐ 10			Δ 16			
28	5 6	5 27	Δ 4		☐ 7							
29	5 48	6 12				Δ 17			☐ 19			
30	6 36	7 0	☐ 16		* 19		Δ 0					

Parker.

December 1768.

The Planets daily Motions Geocentrick.

188 v

The Planets Latitudes and Place of $\odot$ 's $\odot$ to every 6th Day.			OS. 23	IN 1	ON 26	IS. 32	2N 26	4 29
			7 0 2	1 1	0 35	1 41	2 44	4 9
			8 0 2	1 1	0 50	1 47	2 16	3 49
			9 0 2	1 2	0 59	1 50	1 40	3 29
			10 0 2	1 3	1 7	1 51	0 44	3 9
M D	$\odot$	$\odot$	Lat.	$\odot$	$\odot$	$\odot$	$\odot$	Sun's Declin. South.
1	9	5	13 4	4S. 57	17	11 8	27 1	7 48
2	10	5	25 58	5 12	16 56	11 20	27 4	9 2
3	11	5	8 5	5 14	16 56	11 32	27 8	10 12
4	12	57	19 58	5 2	15 57	11 45	27 11	11 31
5	13	58	1M 49	4 38	16 4	11 57	27 19	12 4
6	14	56	13 39	4 1	16 4	2 9	27 2	14 0
7	16	5	25 3	3 14	16 4	12 21	27 32	15 14
8	17	1	7 13	2 18	16 3	2 3	27 39	16 28
9	18	2	19 29	1 16	16 3	12 4	27 48	17 4
10	19	3	1V 9	0 9	16 29	12 57	27 5	18 57
11	20	4	13 59	ON. 59	16 2	13 8	28 7	20 11
12	21	5	25 3	2 6	16 21	13 20	28 12	21 2
13	22	7	9 1	3 7	15 17	13 32	28 23	22 39
14	23	8	22 1	4 0	16 13	13 44	28 41	23 53
15	24	9	5 30	4 41	16 8	13 55	28 53	25 8
16	25	10	19 5	5 8	15 4	14 6	29 0	26 22
17	26	11	2 5	5 12	16 0	14 18	29 20	27 36
18	27	12	17 5	5 8	15 55	14 29	29 3	28 50
19	28	13	10 33	4 40	15 51	14 40	29 48	30 4
20	29	14	16 13	3 53	15 46	14 5	30 5	3 18
21	30	15	1 11	2 50	15 4	15 2	31 10	2 32
22	1	17	15 5	1 36	15 37	15 1	0 35	3 46
23	2	18	0 3	0 1	15 32	15 15	0 54	4 59
24	3	19	15 5	1S. 5	15 27	15 36	1 9	6 13
25	4	20	29 1	2 20	15 22	15 46	1 27	7 27
26	5	21	1 1	3 23	15 17	15 57	1 4	8 41
27	6	23	26 25	4 14	15 13	16 7	2 4	9 54
28	7	24	9 22	4 51	15 8	16 18	2 23	11 8
29	8	25	21 59	5 12	15 3	16 28	2 4	12 22
30	9	26	4 18	5 18	14 58	16 38	3 3	13 35
31	10	27	15 24	5 9	14 53	16 49	3 23	14 49

# The Heliocentrick Motions.

Dec. 1768.

H	☿	♈	♉	♊	♋	♌	♍	Day-lig B. & E.	Sun Ri. Set	Clock to flow
13	16	6	7	8	9	54	17	8	10	4
13	36	6	34	26	59	18	0	26	38	155
13	43	7	2	0	11	23	7	6	7	24
13	57	7	29	3	24	28	13	15	40	8
14	10	7	57	6	33	4	20	25	13	28

H. Wat. Lon. B.	The Lunar Aspects.						The Mutual Aspects.	
Morn. Altera.	☉	♈	♉	♊	♋	♌		
7 24	7 49	*	8					
8 14	8 47						*	2
9 9	9 37	* 10	18			□ 5		
10 6	10 31			♈ 14			* 10	
10 59	11 28		♈ 21		*	1	) Apog.	
11 57		Δ 6						
0 22	0 43					♈ 2		
1 13	1 31	1 21		Δ 18				
2 5	2 31							
1 2 49	1 8		* 22					
3 24	3 41	♈ 6			♈ 13			
3 56	4 13		□ 4		*	9		
4 29	4 47		□ 7					
5 5	5 24	* 2		* 13		□ 19		
5 46	6 9	Δ 1	Δ 15					
6 33	6 57	□ 11			* 14			
7 25	7 53	□ 21			Δ 4			
8 25	8 58	Δ 7		♈ 21	□ 21	□ 8 ♀		
9 34	10 18		* 23	♈ 22				
10 43	11 25				Δ 3	♈ 13	) Perig.	
0 37	1 10						Δ 9	♈
1 44	2 14	♈ 3		*	0			
2 43	3 3		♈	Δ 1				
3 23	3 40			□ 4	♈ 16			
3 57	4 14		□ 6			Δ 7		
4 32	4 49	Δ 18		Δ 17				
5 7	5 25		* 12	* 12		□ 23		
5 44	6 5							
6 27	6 49	□ 1	□ 21		Δ 20			
7 11	7 36				Δ 18			

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*Lift up your Eyes to the Heavens, and look upon the Earth beneath: for  
the Heavens shall vanish away like Smoke, and the Earth shall wax  
old like a Garment, and they that dwell therein shall die in like man-  
ner. Isaiah ii. 6.*

**LONDON:** Printed by J. BETTENHAM, for the  
Company of Stationers. 1768.

Price Nine Pence stitched.

# Regal Table.

Kings Names.		Reig. beg.		Kings Names.	Reig. beg.	
1 King Egbert	819	17	28	Henry III.	1216	56
2 Ethelwolf	836	1	29	dward I.	1272	3
3 Ethelbald	855		30	Edward II.	1307	0
4 Ethelbert	860		31	Edward III.	1327	50
5 Ethelred	866	6	32	Richard II.	1377	22
6 Alfred	872	29		Line of Lancaſter		
7 Edward I.	901	23	33	Henry IV.	1399	13
8 Ethelftan	924	16	34	Henry V.	1412	10
9 Edmond I.	940	6	35	Henry VI.	1422	30
10 Eldred	946	9		Line of York		
11 Edwin	955	4	36	Edward IV.	1461	21
12 Edgar	959	16	37	Edward V.	1483	0
13 Edward II.	975	3	38	Richard III.	483	2
14 Ethelred II.	978	38		Families United.		
15 Edmond II.	1016	1	39	Henry VII.	1485	23
Daniſh Line.			40	Henry VIII.	1509	38
16 Canutus I.	1017	18	41	Edward VI.	1546	7
17 Harold I.	1035	5	42	Q. Mary I.	553	5
18 Canutus II.	1040	2	43	Q. Elizabeth	1558	44
19 Edward Confefſor	1042	24		Kingdoms United		
20 Harold II.	1066	1	44	James I.	1602	22
Norman Line.			45	Charles I.	1625	23
21 William Conq.	1067	20	46	Charles II.	1648	36
22 William Rufus	1087	1	47	James II.	1684	4
23 Henry I.	1100	35	48	Mary II.	1688	6
24 Stephen	1135	19		William III.		13
Saxon Line.			49	Q. Anne	1702	12
25 Henry II.	1154	35	50	K. George I.	1714	13
26 Richard I.	1189	10	51	K. George II.	1727	31
27 John	1199	17	52	K. George III.	1760	6
				Q. Charlotte: Crown'd	1761.	
				Whom God preſerve.		

The King's Favour's like the Morning Dew,  
Life, Pleaſure, alſo Profitable too;

And where is he that would not purchaſe theſe  
And ſtrive each Day our Royal George to pleaſe?



**A TABLE for buying and selling of any Commodity by the great Hundred, which is 112 Pounds.**

d. q.	l. s. d.	d. q.	l. s. d.	d. q.	l. s. d.	d. q.	l. s. d.
1	0 2 4	1	2 18 4	1	5 14 4	1	8 10 4
2	0 4 8	2	3 0 8	2	5 16 8	2	8 12 8
3	0 7 0	3	3 3 0	3	5 19 0	3	8 15 0
4	0 9 4	4	3 5 4	4	6 1 4	4	8 17 4
5	0 11 8	5	3 7 8	5	6 3 8	5	8 19 8
6	0 14 0	6	3 10 0	6	6 6 0	6	9 2 0
7	0 16 4	7	3 12 4	7	6 8 4	7	9 4 4
8	0 18 8	8	3 14 8	8	6 10 8	8	9 6 8
9	1 1 0	9	3 17 0	9	6 13 0	9	9 9 0
10	1 3 4	10	3 19 4	10	6 15 4	10	9 11 4
11	1 5 8	11	3 4 1 8	11	6 17 8	11	9 13 8
12	1 8 0	12	4 4 0	12	7 0 0	12	9 16 0
13	1 10 4	13	4 6 4	13	7 2 4	13	9 18 4
14	1 12 8	14	4 8 8	14	7 4 8	14	10 0 8
15	1 15 0	15	4 11 0	15	7 7 0	15	10 3 0
16	1 17 4	16	4 13 4	16	7 9 4	16	10 5 4
17	1 19 8	17	4 15 8	17	7 11 8	17	10 7 8
18	2 2 0	18	4 18 0	18	7 14 0	18	10 10 0
19	2 4 4	19	5 0 4	19	7 16 4	19	10 12 4
20	2 6 8	20	5 2 8	20	7 18 8	20	10 14 8
21	2 9 0	21	5 5 0	21	8 1 0	21	10 17 0
22	2 11 4	22	5 7 4	22	8 3 4	22	10 19 4
23	2 13 8	23	5 9 8	23	8 5 8	23	11 1 8
24	2 16 0	24	5 12 0	24	8 8 0	24	11 4 0

**E X A M P L E.**

At 3*d.* 2*q.* a Pound, what is the Price of the Great Hundred? Look in the Left Hand Column for 3*d.* 2*q.* and right against it in the next Column towards the Right Hand you will find 1*l.* 12*s.* 8*d.*

Again, Suppose Goods were sold at 13*d.* a Pound, what is the Price of the great Hundred Weight? Look in the sixth Column towards the Right Hand Side of the Table, and you will find 6*l.* 15*s.* 4*d.* the Price thereof. This Table being so plain and easy, we need not trouble the Reader with any more Examples.

*Nota,* For every Farthing that one Pound costs, reckon 2*s.* 4*d.* a that is the Price of the great Hundred.

A Table of INTEREST at 4 per Cent. -

Pounds.	A Week.			One Month.			Two Months.			Three Months.			Six Months.			Nine Months.			A Year.		
	s.	d.	q.	l.	s.	d.	l.	s.	d.	l.	s.	d.	l.	s.	d.	l.	s.	d.	l.	s.	d.
1	0	0	1	0	0	1	0	0	2	0	0	3	0	0	6	0	0	9	0	1	0
2	0	0	2	0	0	2	0	0	4	0	0	6	0	1	0	0	1	6	0	2	0
3	0	0	3	0	0	3	0	0	6	0	0	9	0	1	6	0	2	3	0	3	0
4	0	1	0	0	0	4	0	0	8	0	1	0	0	2	0	0	3	0	0	4	0
5	0	1	1	0	0	5	0	0	10	0	1	3	0	2	6	0	3	9	0	5	0
6	0	1	2	0	0	6	0	1	0	0	1	6	0	3	0	0	4	6	0	6	0
7	0	1	3	0	0	7	0	1	2	0	1	9	0	3	6	0	5	3	0	7	0
8	0	2	0	0	0	8	0	1	4	0	2	0	0	4	0	0	6	0	0	8	0
9	0	2	1	0	0	9	0	1	6	0	2	3	0	4	6	0	6	9	0	9	0
10	0	2	2	0	0	10	0	1	8	0	2	6	0	5	0	0	7	6	0	10	0
20	0	5	0	0	1	8	0	3	4	0	5	0	0	10	0	0	15	0	1	0	0
30	0	7	2	0	2	6	0	4	0	0	7	6	0	15	0	1	2	6	1	10	0
40	0	10	0	0	3	4	0	6	8	0	10	0	1	0	0	1	10	0	2	0	0
50	1	0	2	0	4	2	0	8	4	0	12	6	1	5	0	1	17	6	2	10	0
60	1	3	0	0	5	0	0	10	0	0	15	0	1	10	0	2	5	0	3	0	0
70	1	5	0	0	5	10	0	11	8	0	17	6	1	15	0	2	12	6	3	10	0
80	1	8	0	0	6	8	0	13	4	1	0	0	2	0	0	3	0	0	4	0	0
90	1	10	2	0	7	6	0	15	0	1	2	6	2	5	0	3	7	6	4	10	0
100	2	1	0	0	8	4	0	16	8	1	5	0	2	10	0	3	15	0	5	0	0
200	4	2	0	0	16	8	1	13	4	2	10	0	5	0	0	7	10	0	10	0	0
300	6	3	0	1	5	0	2	10	0	3	15	0	7	10	0	11	5	0	15	0	0
400	8	4	0	1	13	4	3	6	8	5	0	0	10	0	0	15	0	0	20	0	0
500	10	5	0	2	1	8	4	3	4	6	5	0	12	10	0	18	15	0	25	0	0
600	12	6	0	2	10	0	5	0	0	7	10	0	15	0	0	22	10	0	30	0	0
700	14	7	0	2	18	4	5	16	8	8	15	0	17	10	0	26	5	0	35	0	0
800	16	8	0	3	6	8	6	13	4	10	0	0	20	0	0	30	0	0	40	0	0
900	18	9	0	3	15	0	7	10	0	11	5	0	22	10	0	33	15	0	45	0	0
1000	20	10	0	4	3	4	8	6	8	12	10	0	25	0	0	37	10	0	50	0	0

Enter this Table on the Left-hand side under Pounds, with your Sum (at you would know the Interest of) and in the Head of the Table your Time, and in the Angle of meeting you will have your Desire.

### EXAMPLE.

Suppose the Sum were 80/. I enter under Pounds with the same, and find the Sum I find for one Week 1s. 8d. For one Month 6s. 8d. for two Months 13s. 4d. For three Months 1/. For six Months 2/. for nine Months 3/. For a Year 4/. &c. With any other Sum you do after the like manner.

# A general Tide-Table.

The Moon's Age.	Quinbor. Pertsm. Southa. Spithead Isle of Wight.	Bristol, Lanin, Fulness and at the Start.	Dover, Yarm. Harw. and Calais Road.	London, Tinn. Hartley, Whitby, Amster- dam.	Newcast. Falm. Dart- mouth. Hamb. Dy.	Plym. Weym. Antw. Line. and Jull.	Gravesen- Tharret Ranney Downs and Scit Half tid
D.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.
1	0 A 48	7 A 33	4 M 18	3 A 48	6 A 3	6 A 48	2 A 11
2	1 37	8 21	0 A 6	4 36	6 51	7 36	3 0
3	2 24	9 9	0 54	5 24	7 39	8 24	3 5
4	3 12	9 57	1 42	6 12	8 27	9 12	4 4
5	4 0	10 45	2 30	7 0	9 15	10 0	5 3
6	4 48	11 33	3 18	7 48	10 3	0 48	6 1
7	5 36	12 21	4 6	8 36	10 51	11 36	7 0
8	6 24	1 M 9	4 54	9 24	11 39	12 24	7 5
9	7 1	1 57	5 42	10 12	2 27	1 M 12	8 4
10	8 0	2 45	6 30	11 0	1 M 15	2 0	9 3
11	8 48	3 33	7 18	11 48	2 8	2 48	10 1
12	9 36	4 21	8 6	12 36	2 51	3 36	11 0
13	10 24	5 9	8 54	1 M 24	3 39	4 24	11 5
14	11 12	5 57	9 42	2 12	4 27	5 12	12 4
15	12 0	6 45	10 30	3 0	5 15	6 0	1 3
16	0 M 48	7 33	1 18	3 48	6 3	6 48	2 M 1
17	1 36	8 21	1 6	4 36	6 51	7 36	3 0
18	2 24	9 9	0 M 54	5 24	7 32	8 24	3 5
19	3 12	9 57	1 42	6 12	8 27	9 12	4 4
20	4 0	10 45	2 30	7 0	9 15	10 0	5 3
21	4 48	11 33	3 18	7 48	10 3	10 48	6 1
22	5 36	0 A 21	4 6	8 36	0 51	11 36	7 0
23	6 24	1 9	4 54	9 24	1 39	0 A 24	7 5
24	7 12	1 57	5 42	10 12	2 27	1 12	8 4
25	8 0	2 45	6 30	11 0	1 A 15	2 0	9 3
26	8 48	3 33	7 18	11 48	2 3	2 48	10 1
27	9 36	4 21	8 6	0 A 36	2 51	3 36	11 0
28	10 24	5 9	8 54	1 24	3 39	4 24	11 5
29	11 12	5 57	9 42	2 12	4 27	5 12	0 A 4
30	12 0	6 45	10 30	3 0	5 15	6 0	1 3

Example. Jan. the 18th, the Moon is 29 days old; look for 29 in the first Column under the Moon's Age, and against it in the fourth Column under London, Tinnmouth, &c. is 2 h. 12 m. which shews that it is High-Water at those Places at 12 m. past 2 in the Afternoon.

A perpetual Table of Break of Day, Twilight, the Length of the Day and Night, and Increase and Decrease of the Days.

Months.	Days.	Break of Day.		Twilight ends.		Length of the Day.		Length of the Night.		Increase of Days.		Planet H. by Day.		Planet H. by Night.	
		H.	M.	H.	M.	H.	M.	H.	M.	H.	M.	H.	M.	H.	M.
January.	2	5	55	6	1	7	44	16	16	0	10	0	38	1	22
	12	5	55	6	8	8	0	16	0	0	26	0	40	1	20
	22	5	4	6	18	8	26	15	34	0	52	0	42	1	18
February.	2	5	30	6	30	8	58	15	2	1	24	0	45	1	16
	12	5	13	6	47	9	38	14	22	2	4	0	48	1	12
	22	4	55	7	10	10	16	13	44	2	42	0	51	1	9
March.	2	4	40	7	20	10	44	13	16	3	10	0	57	1	3
	12	4	10	7	41	11	26	12	34	3	52	1	0	1	0
	22	3	57	8	3	12	6	11	54	4	32	1	4	0	56
April.	2	3	33	8	27	12	46	11	14	5	12	1	7	0	53
	12	3	4	8	56	13	28	10	32	5	52	1	10	0	50
	22	2	35	9	2	14	4	9	56	6	30	1	13	0	47
May.	2	2	2	9	58	14	42	9	18	7	8	1	17	0	43
	12	1	28	10	32	15	14	8	46	7	40	1	19	0	41
	2	0	14	11	46	15	44	8	16	8	10	1	20	0	40
June.	2	no nig.		no nig.		16	6	7	54	8	32	1	21	0	30
	12	but twi- light.		but twi- light.		16	22	7	38	8	48	1	22	0	38
	22					16	26	7	34	8	52	1	21	0	35
July.	2	0	0	0	0	16	20	7	40	0	D 6	1	20	0	40
	12	0	0	0	0	16	6	7	54	0	20	1	19	0	41
	22	0	17	11	43	15	44	8	16	0	42	1	17	0	43
August.	2	1	24	10	36	15	14	8	46	1	2	1	13	0	47
	12	2	6	9	54	14	38	9	22	1	48	1	10	0	50
	22	2	38	9	22	14	4	9	56	2	2	1	7	0	55
September.	2	3	7	8	53	13	26	10	34	3	0	1	3	0	57
	12	3	38	8	22	12	44	11	16	3	42	1	1	0	59
	22	3	59	8	1	12	4	11	56	4	22	1	0	1	0
October.	2	4	21	7	39	11	24	12	36	5	2	0	57	1	1
	12	4	41	7	10	10	46	13	14	5	40	0	54	1	6
	22	5	0	7	0	10	6	13	54	6	20	0	50	1	10
November.	2	5	17	6	43	9	28	14	32	6	58	0	47	1	13
	12	5	33	6	27	8	50	15	10	7	36	0	44	1	16
	22	5	45	6	15	8	20	15	40	8	6	0	42	1	18
December.	2	5	54	6	0	7	56	16	4	8	30	0	40	1	20
	12	6	0	6	0	7	40	16	20	8	46	0	38	1	22
	22	6	1	5	55	7	34	16	26	8	52	0	38	1	22

# The TERMS and their RETURNS, for YEAR 1768.

Hilary Term begins Jan. 23. ends Feb. 12, hath 4 Returns.

Returns or Effoign-days.		Exc.	Ret.	Ap.	W. D
In eight Days of St. Hilary,	Jan. 20	21	22	23	Satur.
From the Day of St. Hilary in 15 Days	27	28	29	30	Satur.
On the Morrow of the Purification of the blessed Virgin Mary,	Feb. 3.	4	5	6	Satur.
In eight Days of the Purification of the blessed Virgin Mary,	Feb. 9	10	11	12	Frid.

Easter Term begins April 20, ends May 16, hath 5 Returns.

From the Day of Easter in 15 Days,	April 17	18	19	20	Wed.
From the Day of Easter in 3 Weeks	24	25	26	27	Wed.
From the Day of Easter in 1 Month	May 1	2	3	4	Wed.
From the Day of Easter in 5 Weeks	8	9	10	11	Wed.
On the Morrow of the Ascension Day	15	14	15	16	Mon.

Trinity Term begins June 3, ends June 22, hath 4 Returns.

On the Morrow of the Holy Trinity	May 30	31	Jun. 1	2	Frid.
In eight Days of the Holy Trinity	June 6	7	8	9	Wed.
From the Day of the Holy Trin. in 15 Days	12	13	14	15	Wed.
From the Day of the H. Trin. in 3 Weeks	19	20	21	22	Wed.

Michaelmas Term begins Nov. 6, ends Nov. 28, hath 4 Ret.

On the Morrow of All-Souls	Nov. 3	4	5	6	Mon.
On the Morrow of St. Martin	12	13	14	15	Tu. J.
In eight Days of St. Martin	18	19	20	21	Mon.
In fifteen Days of St. Martin	25	26	27	28	Mon.

N. B. No Sittings in Westminster-Hall on Ascension Day, Midsummer Day, and the 2d of February.

The Exchequer opens eight Days before any Term begins, except Trinity before which it opens only four Days.

Note, The first and last Days of every Term are the Days of Appearance.

Lo! here's a Trade, surpasseth all the Rest,  
No Change annoys the Lawyer's Interest;  
His Tongue buys Lands, builds Houses without Toil;  
The Pen's his Plough, the Parchment is his Soil:  
Him, Storms disturb not, nor Militia Bands;  
The Tree roots best that in the Weather stands.

# JANUARY hath XXXI Days.

D. Clock.  
Sun.

New Moon 1st Day at 5 in Morn.

Last Quarter 12th Day at 6 in Morn.

Full Moon 19th Day at 4 at Night.

First Quarter 26th Day at Noon.

1	4	22
7	7	4
13	9	30
19	11	28
25	13	2

M	W	St. Days	Moon's	Moon	D	Moon	Aspect, Sun
D	D	and Weat	Signs.	South.	A	ris. sets	rises and sets.
1	a	Circum.	bark	9 A 34	11	5 38	Sun r. 9 m. p. 8.
2	b	favoura.	should.	10 54	12	6 51	Sun s. 51 m. p. 3.
3	c	ble weath.	breast	11 51	13	7 48	
4	d	at begin.	stomach	Morn.	●	D rise.	D eclipse visi
5	e	Ol. Ch. D	heart	0 44	16	5 27	
6	f	winds and	and	1 38	1	6 45	Epiphany.
7	g	cold rain.	back	2 20	18	7 57	
8	a	or fleet of	bowels	3 0	19	9 8	
9	b	snow.	and	3 41	20	10 18	Sun r. 4 m. p. 8.
10	c	1 S. af. Ep	belly	4 22	21	11 28	Sun s. 57 m. p. 3.
11	d	dark weat.	reins	5 1	22	Morn	
12	e	O. N. Y. d	loins	5 42	23	0 38	8 h 8
13	f	Cam. T. b	secret	6 25	24	1 49	□ ○ 24
14	g	Oxf. T. b	memb.	7 11	25	2 59	
15	a	frosty	hips	8 0	26	4 9	Sun rises at 8.
16	b	mornings.	and	8 54	27	5 15	Sun s. 1 m. p. 4.
17	c	2 S. af. Ep	thighs	9 50	28	6 13	Old Twelfth-d.
18	d			10 46	29	7 5	Q. C. N. B. D. K
19	e	overcast	bams	11 41	D	Sets	
20	f	for snow	legs	0 A 40	1	5 A 21	○ eclipse invisi.
21	g	or rain.	ankles	1 33	2	6 46	♂ ♂ ♀
22	a	variable.	feet	2 25	3	8 10	Sun r. 45 m. p. 7.
23	b	Ter. beg	toes	3 14	4	9 41	Sun s. 16 m. p. 4.
24	c	3 S. aft. Ep	head	4 3	5	1 11	
25	d	Con. St P	face	4 46	6	Morn.	
26	e	much	neck	5 48	7	0 38	
27	f	winterly	throat	6 41	8	2 0	□ 24 8
28	g	weather.	arms	7 37	9	3 18	* 24 8
29	a	misty air.	breast.	8 33	10	4 27	
30	b	K. C. I. M	should.	9 31	11	5 36	Sun r. 31 m. p. 7.
31		Sept. Sun	and	10 24	12	6 16	Sun s. 30 m. p. 4.

# Pearse. JANUARY, 1758.

II 24  
B 22

Old Style.  
New Style.

Having, therefore, the World's wide Curtain spread,  
About the Circuit of the fruitful Bed;  
Where to fill all with her unnumb'ed Kin,  
Kind Nature's Self each Moment lyeth-in,  
To make the same for ever admirable,  
More stately pleasant, and more profitable.

1 30 20  
6 30 21  
11 30 22  
16 29 22  
21 29 22  
26 28 23

D	D	☉	☿	♂	♀	♂	♀
				♂	♀	♂	♀
21	1	10	42	8	0	1	25
22	2	11	43	20	47	2	26
23	C	12	45	4	13	2	27
24	4	13	46	17	24	3	28
25	5	14	47	0	18	4	28
26	6	15	48	12	5	4	29
27	7	16	49	25	20	5	4
28	8	17	51	7	31	6	1
29	9	18	52	19	35	7	2
30	C	19	53	1	28	7	4
31	11	20	5	13	22	8	5
Jan.	12	21	55	25	1	9	6
	13	22	56	7	20	9	7
	14	23	57	19	34	10	8
	15	24	59	2	4	11	5
	16	26	0	14	53	11	10
	C	17	1	28	4	12	11
	18	28	2	11	33	13	12
	19	29	3	25	29	14	13
	20	30	4	9	4	14	12
	21	1	5	24	6	15	13
	22	2	6	8	38	16	15
	23	3	7	23	1	17	16
	C	4	8	7	40	18	18
	25	5	9	1	59	18	20
	26	6	10	6	8	19	21
	27	7	1	0	1	19	22
	28	8	12	3	41	20	23
	29	9	13	17	0	21	24
	30	10	1	0	23	21	25
	31	11	15	13	23	22	26

## Monthly Observations.

*January Husbandry.*  
When Christmas is ended bid  
Feasting adieu,  
Go play the good Husband thy  
Stock to renew;  
Be mindful of rearing in hope of  
a Gain,  
Dime Profit shall give thee Re-  
ward for thy Pain.

**On the 10th Day of this Month,**  
1740, the hopeful Princess Eli-  
zabeth, second Daughter to her  
Royal Highness the Princess  
Dowager of Wales, was born.

Who both by his Calves and his  
Lambs will be known,  
May well kill a Neat and a Sheep  
of his own;  
And he that can rear up a Pig in  
his House,  
Hath cheaper his Bacon, and  
sweeter his Soufe;  
Who eateth his Veal, Pig, and  
Lamb being froth,  
Shall twice in a Week go to Bed  
without Broth.  
Unskilful that pass not, but sell  
away fell,  
Shall never have Plenty where-  
ever they dwell.  
Be greedy in spending, and care-  
less to save;  
And shortly be needy and  
crave.

# FEBRUARY hath XXIX Days.

Full Moon the 2d Day at 9 at Night.	14 11
Last Quarter the 11th Day at 1 in the Morn.	7 4 42
New Moon the 18th Day at 6 in the Morn.	13 4 45
First Quarter the 24th Day at 9 at Night.	19 4 16
	25 12 30

M	W	St. Days	Moon's	Moon	D	Moon	Aspects, Sun
D	D	and Weat.	Signs.	South.	A.	ris. sets.	rises and sets.
1	d	wind high	♂ mach	11 A 18	12	6 4°	8 h ♀
2	e	P.B.V.M.	heart	Morn.	●	Rises	* 4 ♂
3	f	unpleasent	back	0 3 15	5 29		Sun r. 34 m.p.7.
4	g	weather	bowels	0 49 16	6 45		S. sets 29 m.p.4.
5	a	frost or	and	1 30 17	7 55		
6	b	snov.	belly	2 10 18	9 4		
7	C	Sex. Sun.	reins	2 49 10	10 15		
8	d	Ash-Wed.	loins	3 30 2	11 25		8 h ♂
9	e	cold and	secret	4 13 21	Morn.		
10	f	moist air.	ind	4 59 22	0 33		Sun r. 19 m.p.7.
11	g		members	5 46 2	1 4		S. sets 42 m.p.4.
12	a	Ter. ends	hips	6 3 2	2 50		Δ ⊙ 4
13	b		thighs	7 30 25	3 55		
14	C	Shrove S.	lances	8 26 20	4 47		Valentine.
15	d	more tem.	hams	9 2 27	5 29		Δ h ♀
16	e	Shrove T.	legs	0 20 28	6 4		♂ ⊙ ♀ Δ ⊙ h
17	f	Ash-Wed.	ankles	11 6	6 57		Sun r. 10 m.p.7
18	g	perate	feet	0 A 11	D	ets	S. f. 52 m.p.4.
19	a	loft. wind.	oes	1 3 1	7 1		
20	b		head	1 53 2	8 4		
21	C	1 S. in L.	face	2 44	10 15		⊙ ♂ ♀
22	d	cold rain	neck	3 40 4	11 4		
23	e	or snow	throat	4 37 5	Morn.		
24	f	St. Matth.	arms	5 33 6	1 5		Sun r. 58 m.p.6.
25	g	Emb. W.	int	6 20 7	2 17		S. sets 5 m.p.5.
26	a	frosty. air.	should.	7 2 8	3 23		
27	b	moderate	breast	8 23 9	4 13		
28	C	2 S. in L.	stomach	9 14	4 4		
29	d	fair.	heart	10 2	5 13		



Pearse. FEBRUARY, 1768.

D 11 14

Old Style.  
New Style.

He th' Azure Texture trimm'd with golden Marks  
And richly spangled with bright glitt'ring Sparks.  
I know those Tapers twinkling in the Sky,  
Do turn so swiftly from our Hand and Eye,  
That Men can never rightly reach to seeing  
Their Course and Force, and much less their Being.

1 28 23  
6 8 22  
11 28 23  
16 27 23  
21 27 23  
26 27 22

D	D	☉	☿	♂	♀	♂	♀
21	1	12 15	26 28	13	23	27	1
22	2	13 16	8 28	50	23	29	3
23	3	14 17	21 15	24	19	4	
24	4	15 18	3 22	31	2	1	6
25	5	16 19	15 37	26	2	8	
26	6	17 19	27 36	26	3	9	
27	C	18 20	9 31	27	4	11	
28	8	19 21	21 23	28	5	13	
29	9	20 2	3 18	28	6	15	
30	10	21 22	15 19	29	8	16	
1	11	22 23	27 31	30	9	18	
Feb. 12	3	23	9 4	58	10	20	
13	3	24 24	22 45	1	12	22	
3	C	25 25	5 25	56	2	13	24
4	13	26 25	19 34	2	14	26	
5	16	27 26	3 3	5	3	15	27
6	17	28 26	18 3	4	16	29	
7	18	29 26	2 2	55	5	17	26
8	19	2 2	17 54	5	18	3	
9	20	1 2	2 2	54	6	9	5
10	C	2 28	17 46	7	20	7	
11	22	3 2	2 8	23	7	22	9
12	23	4 28	16 40	8	23	11	
13	24	5 2	0 11	34	9	24	13
14	25	6 2	14 0	9	25	15	
15	26	7 2	27 23	10	26	16	
16	27	8 2	10 26	20	11	27	18
17	C	9 2	23 3	12	29	20	
18	29	10 30	5 28	34	12	30	22

Monthly Observations.

*February Husbandry.*

Who laith on Dung ere he laith  
on Plow,  
Such Husbandry useth as Thrif  
doth allow;  
One Month ere ye spread it  
still let it stand,  
Ere ever to plow it ye take it in  
Hand;  
Place Dung Heaps a low by the  
Furrows along,  
Where Water all Winter Time  
did it such wrong:  
So make ye the Land to be lust  
and fat,  
And Corn thereon sown to be bet  
ter for that.  
Go plow in the Stubble, for now  
is the Season  
For sowing of Fitches, of Beans  
and of Peas;  
Sow Peas and Beans in the  
Wane of the Moon,  
Who soweth them sooner, he  
soweth too soon.  
They that with the Planet ma  
rest and arise,  
And Flourish with being much  
plentiful wife.

# MARCH hath XXXI Days.

Chick  
fast.

New Moon the 3d Day at 3 in the Morn.

Last Quarter the 11th Day at 6 at Night.

Full Moon the 18th Day at 3 Afternoon.

First Quarter the 25th Day at 8 in Morn.

1	12	44
7	11	23
13	9	48
19	8	1
25	6	9

M	W	St. Days.	Moon's	Moon	D	Moon	Aspects, Sun
D	D	and Weat.	Signs.	South.	A.	ris. sets.	ris. and sets
1	d	David.	back	10 47	12	5 41	
2	e	Chad.	bowels	11 29	13	5 56	
3	f	dark wea.	and	Morn.	●	Rises.	□ ♀
4	g	and frosts.	belly	0 10	15	6 50	S. r. 45 m. p. 6.
5	a	Ps. H. b.	reins	0 50	16	8 6	S. f. 17 m. p. 5.
6	B	3 S. in L.	and	1 29	17	9 17	
7	●	cold mor.	loins	2 12	18	10 27	* ☉ ♂
8	d	dr. wind,	secret	2 59	19	11 37	
9	e	f. and feaf.	members	3 4	20	Morn.	
10	f	some day	hips	5 34	21	0 43	
11	g	at present	thighs	5 24	22	1 4	8 ♀
12	a	Gregory.	knees	6 17	23	2 41	□ ♀
13	B	Mid. Sun.	bams	7 14	24	3 32	S. r. 21 m. p. 6.
14	c	not much	legs	8 10	25	4 6	S. f. 42 m. p. 5.
15	d	alteration	ankles	9 5	26	4 33	
16	e		feet	10 0	27	4 53	
17	f	S. Patrick	toes	10 52	28	5 10	□ ☉ ♀
18	g		head	11 45	29	5 27	△ ♀
19	a	Ps. Lou. b.	face	0 A 38	1	Sets.	
20	B	5 S. in L.	neck	1 3	2	9 23	
21	c	seasonable	throats	2 33	10	51	S. r. o.
22	d	showers of	arms	3 32	4	Morn.	Sun f. 2 m. p. 6.
23	e	rain by	and	4 32	5	0 12	
24	f	times	should.	5 29	6	1 25	△ ♀
25	g	Lady Day	breast	6 26	7	2 19	Camb. T. ends
26	a		stom.	7 17	8	3 1	Oxf. Ter. end
27	B	Palm Sun.	heart	8 6	9	3 35	
28	c		and	8 51	10	3 55	S. r. 46 m. p. 5.
29	d		back	9 34	11	4 13	S. f. 16 m. p. 6.
30	e		bowels	10 16	12	4 22	
			belly	10 56	13	4 35	♂ ☉ ♀

Old Style.	New Style.	But if conjecture may extend above	t D 2
		To that great Orb, whose moving all doth move ;	6 27 2
		Th' imperfect Light of the first Day was it,	11 27 2
		Which for Heaven's Eyes did shining Matter fit ;	16 27 2
		For God selecting lightest of that Light,	21 28 2
		Garnish'd Heav'n's cieling with those Torches bright.	26 28 2

D	D	☉	☿	♈	♉	♊	♋	♌	♍	Monthly Observations.
19		11 30	17 55	13 1	23					
20	2	12 30	☿ 7	14 2	25					
21	3	13 30	12 12	14 3	27					<i>March Husbandry.</i>
22	4	14 30	24 11	15 4	28					
23	5	15 30	6 9	16 6	☿					White Pease both good for the
24	6	16 30	17 59	17 7	2					Pot and the Purse,
25	7	17 30	29 51	17 8	3					By sowing too timely prove after
26	8	18 29	11 14	18 9	5					the worse,
27	9	19 29	23 46	19 10	6					Because they are tender and hateth
28	10	20 29	5 55	19 12	8					the cold,
	11	21 29	18 19	20 13	9					Prove March ere ye sow them,
March	2	22 29	1 15	21 14	10					for being too bold.
	B	23 28	14 18	22 15	11					Spare Meadow at Gregory marthe
										at Pasch,
	3	24 28	27 42	22 16	12					For fear of dry Summer no longer
	4	25 28	11 46	23 18	13					Time ask ;
	5	26 27	26 18	24 19	14					Then hedgethem, and ditch them,
	6	27 27	11 14	24 20	15					bestow therson Pense,
	7	28 26	26 27	25 21	15					Corn, Meadow, and Pasture, ask
	8	29 26	11 45	26 22	15					always good Sense ;
	9	☿ 25	26 46	27 23	16					Of Maltives and Mungrels, that
	10	1 25	18 52	27 25	16					many we see,
	11	2 24	26 23	28 26	16					A Number of Thousands, many
	12	3 24	10 27	29 27	16					there be ;
	13	4 23	24 4	29 28	15					Watch therefore in Lent, to thy
	14	5 22	7 16	29 29	15					Sheep go and look,
	15	6 21	20 8	1 14	14					For Dogs will have Victuals by
	16	7 21	2 41	2 2	14					hook or by crook.
	17	8 20	15 2	3 3	13					
	18	9 19	27 12	3 4	12					The 25th Day of this Month, in
	19	10 18	☿ 15	4 5	12					the Year 1739, was born the
	20	11 17	21 12	5 7	11					hopeful Prince Edward Au-
										gustus, Duke of York, second
										Son of her Royal Highness the
										Princess Dowager of Wales.

# A P R I L hath XXX Days. | D | Clock fast.

Full Moon the 2d Day at 8 in Morn.  
 Last Quarter the 10th Day at 8 in Morn.  
 New Moon the 16th Day at 11 Night.  
 First Quarter the 23d Day at 9 Night.

1	3	59
-	2	12
13	0	31
19	10	57
25	2	12

M	W	St. Days	Moon's	Moon	D	Moon	Aspects, Sun
D	D	and Weat.	Signr.	South.	A.	rise set	rises and sets.
1	g	Good Fr.	reins	11 A 38	14	4 49	Sun r. 39 m. p. 5.
2	a	Showers	and	Morn.	●	Rises	S. f. 21 m. p. 6.
3	B	Easter S.	loins	0 20	16	8 19	
4	c	ab. this	secret	1 5	17	9 28	
5	d	O. L. D	members	1 50	18	10 37	♂ ♂ ♀
6	e	time.	hips	2 37	19	11 40	
7	f	f. warm,	and	3 27	20	Morn.	8 ☉ ♄
8	g	pleas. and	highs	4 19	21	0 41	Sun r. 27 m. p. 5
9	a	reasonable	knees	5 12	22	1 29	S. f. 27 m. p. 6.
10	B	Low Sun	hams	6 7	23	2 5	
11	c	seed time	legs	7 1	24	2 36	
12	d		ankles	7 53	25	2 5	
13	e	O. & Cam	feet	8 45	26	3 22	
14	f	Term beg	toes	9 36	27	3 37	Sun r. 16 m. p. 5
15	g	wind with	head	10 30	28	3 51	S. f. 44 m. p. 6.
16	a	haft. show	face	11 26	D	Sets	
17	B	2 S. aft. Ea	neck	0 A 24	1	8 30	
18	c	fine weat.	throat	1 24	2	9 57	Δ ♄ ♂
19	d	Alphage	arms	2 25	3	11 14	* ☉ ♀ ☐ ♀
20	e	Term be.	should.	3 26	4	Morn.	
21	f	fair and	breast	4 26	5	0 20	Sun r. 49 m. p. 4
22	g	warm	and	5 21	6	1 6	S. f. 3 m. p. 7
23	a	St. Geor.	stomach	6 12	7	1 43	
24	B	3 S. aft. Ea	heart	6 59	8	2 8	
25	c	St. Mark	back	7 45	9	2 28	
26	d		bowels	8 24	10	2 38	
27	e	and dry	belly	9 4	11	2 53	
28	f	weather to	reins	9 44	12	3 4	
29	g	he end.	and	10 27	13	3 13	Sun r. 48 m. p. 4
30	a		oins	11 A 10	14	3 26	S. f. 14 m. p. 7

Pearse. A P R I L, 1768.

D h m  
D II 2

Old Style.

New Style.

But if thy Wife thirst rather seek these Things,  
In Greekish Cisterns, than in Hebrew Springs;  
I then conclude that, as of moistful Matte,  
God made the People that frequent the Water;  
And of an earthly Stuff the stubborn Drowes,  
That haunt the Hills, and Dales, and Downs, and Groves.

1 28 19  
6 29 18  
11 29 18  
16 29 17  
21 69 17  
26 0 16

D	D	°	′	″	′	″	′	″
21	1	12	1	3	6	5	8	10
22	2	13	15	14	58	6	9	9
23	B	14	14	26	50	7	10	9
24	4	15	13	8	43	8	11	9
25	5	16	12	20	40	8	13	8
26	6	17	11	2	43	9	14	8
27	7	18	10	14	55	10	15	7
28	8	19	9	27	19	10	16	7
29	9	20	7	10	9	11	17	7
30	B	21	6	23	3	12	19	6
31	11	22	5	6	0	13	20	6
1	12	23	4	20	26	13	21	6
2	13	24	2	4	49	14	22	5
3	14	25	1	19	39	15	24	D
4	15	26	0	4	48	15	25	5
5	16	26	58	20	29	16	26	6
6	B	27	57	5	8	17	27	6
7	18	28	55	20	7	17	28	6
8	19	29	54	5	11	18	30	7
9	20	8	53	19	26	19	7	7
10	21	1	50	3	11	20	2	8
11	22	2	49	16	20	20	3	8
12	23	3	47	29	22	21	4	9
13	B	4	45	11	55	22	6	10
14	25	5	44	24	12	22	7	10
15	2	6	42	6	12	23	8	11
16	27	7	40	18	17	24	9	12
17	28	8	38	0	10	24	10	12
18	29	9	37	12	2	25	12	13
19	30	10	35	23	55	26	13	14

Monthly Observations.

April Husbandry.

If April be dripping, then do I  
not hate,  
For him that hath little his fol-  
lowing late;  
Else otherwise following timely  
is best  
For saving of Cattle, of Plough,  
and the rest;  
Be sure of Plough to be ready at  
Hand,  
Ere Compass ye spread that on  
Hillocks did stand;  
Least drying to lying do make it  
decay,  
Ere ever much Water do wash it  
away:  
Look now to provide ye Meadow  
for Hay;  
If Fens be undrowned there  
cheapest ye may  
In Fens for Hillocks, for Horse  
not so well,  
Count best the Chest cheap  
wherefoever ye dwell.  
On the 26th Day of this  
Month, in the Year 1721,  
was born the illustrious and  
heroick Prince William Duke  
of Cumberland, and second  
Son to his late Majesty King  
George the Second.

# M A Y hath XXXI Days.

D Clock  
flow.

Full Moon the 1st Day at Midnight.  
Last Quarter the 9th Day at 6 at Night.  
New Moon the 16th Day at 7 Morning  
First Quarter the 23d Day at Noon.  
Full Moon the 31st Day at 3 Afternoon.

1 3 8  
7 3 45  
13 4 1  
19 3 58  
25 3 35

M	W	St. Days and Weat.	Moon's Signs.	Moon South.	D	Moon A. ris. sets.	Aspects, Sun rises and sets.
1	B	4 S. aft. Ea.	<i>secret</i>	11 A 54	●	Rises	St. Phil. & James
2	c	wind and	<i>and</i>	Morn.	17	8 46	8 24 8 8 24 8
3	d	rain at the	<i>members</i>	0 43	18	9 44	8 8 8
4	e	beginn. of	<i>hips</i>	1 32	19	10 41	Sun r. 36 m. p. 4
5	f	this mon	<i>thighs</i>	2 21	20	11 39	S. f. 26 m. p. 7
6	g		<i>knees</i>	3 13	21	Morn.	
7	a	hail.	<i>bams</i>	4 9	22	0 20	Δ h 8
8	B	Rogat. S.	<i>legs</i>	5 2	23	0 54	
9	c	dry, fair,	<i>and</i>	6 53	24	1 16	Sun r. 24 m. p. 4
10	d	and temp.	<i>ankles</i>	7 43	25	1 38	S. f. 38 m. p. 7
11	e	H. Thurf.	<i>feet</i>	8 32	26	1 54	
12	f		<i>toes</i>	9 23	27	2 12	Old May Day
13	g	pleasant.	<i>head</i>	10 13	28	2 24	* h 8
14	a		<i>face</i>	11 8	29	2 42	
15	c	6 S. aft. Ea.	<i>neck</i>	0 7	D	Sets	
16	c	Term end.	<i>throat</i>	0 A 9	1 8	44	
17	d	weather,	<i>arms</i>	1 11	2 10	3	* h 8
18	e	fine flow.	<i>and</i>	2 13	3 11	0	* 8 8
19	f	Q. Ch. b.	<i>should.</i>	3 16	4 11	40	Ox. Cam. T. en
20	g		<i>breast</i>	4 5	5 Morn.		Sun r. 10 m. p. 4
21	a		<i>stomach</i>	4 55	6 0	8	S. f. 51 m. p. 7
22	B	White S.	<i>heart</i>	5 42	7 0	34	
23	c	fair and	<i>back</i>	6 24	8 0	50	
24	d	warm	<i>bowels</i>	7 5	9 1	2	
25	e	Emb. w.	<i>and</i>	7 44	10 1	15	* 8 8
26	f	towards	<i>belly</i>	8 25	11 1	25	
27	g	the end.	<i>ribs</i>	9 7	12 1	38	
28	a		<i>loins</i>	9 51	13 1	50	Sun r. 59 m. p. 3.
29	B	Trin. Sun.	<i>secret</i>	10 39	14 2	12	S. f. 2. H. A. 8
30	c		<i>members</i>	11 28	15 2	30	
31	d		<i>hips</i>	Morn.	●	Rises	

MAY, 1768.

D	$\frac{1}{2}$	24
1	1	15
6	1	15
11	2	14
16	2	14
21	3	14
26	3	13

**New Style.**

So did he make, by his Almighty Might,  
The Heav'ns and Stars of one same Substance bright;  
To th'End these Lamps dispersed in the Skies,  
Might, with their Orbs, it with them sympathize;  
And, as with us, under the Oaked Bark,  
The knurly Knot with branching Veins we mark.

	D	8	9	m	8	9	9
	11	33	5	49	27	14	15
2	12	31	17	48	27	15	16
3	13	29	29	51	28	16	17
4	14	27	12	† 2	29	18	18
5	15	25	24	22	29	19	20
6	16	23	6	55	29	20	21
7	17	21	19	41	1	21	22
B	18	19	2	6	1	23	24
9	19	17	16	11	2	24	25
10	20	15	29	58	3	25	26
11	21	13	14	0	4	26	28
12	22	10	28	44	4	27	30
13	23	8	13	37	5	29	8
14	24	6	28	42	6	30	3
B	25	4	13	8	6	8	5
16	26	1	28	46	7	2	6
17	26	59	13	27	8	3	8
18	27	57	27	44	8	5	10
19	28	54	7	35	9	6	12
20	29	52	24	58	10	7	14
21	0 II	50	7	56	10	8	16
B	1	47	20	33	11	10	18
23	2	45	2	52	12	11	20
24	3	43	14	58	12	12	22
25	4	40	26	56	13	13	24
26	5	37	8	50	14	14	26
27	6	35	29	42	15	16	28
28	7	32	2	37	15	17	II
B	8	30	14	36	16	18	2
30	9	27	26	42	17	19	4
31	10	35	8	57	17	20	6

### Monthly Observations.

### May Husbandry.

At Philip and Jacob away with the  
Lambs,  
That thinkest to have any Milk of  
their Dams.  
To milk and to fold them is much  
to require;  
Except ye have Pasture to fill their  
Desire;  
Yet many by milking such Heed  
they do take,  
Not hurting their Bodies much Pro-  
fit do make.  
Five Ewes to a Cow make Proof by  
a Score,  
Shall double thy Dairy else trust me  
no more.  
Yet may a good Housewife, that  
knoweth the Skill,  
Have, mix'd or unmix'd, at her  
Pleasure and Will:  
From May till October leave cropping  
for why,  
In Woodier whatsoever thou crossest  
shall die.

B

# hath XXX Days.

Last Quarter the 7th Day at Midnight.  
 New Moon the 14th Day at 4 Afternoon.  
 First Quarter the 22d Day at 4 Morning.  
 Full Moon the 30th Day at 4 Morning.

D	Clo.	Row.
1	2	43
7	1	43
13	0	33
19	fat	
25	1	59

W	Saints Days	Moon's Signs.	Moon South	D	Moon A. & f.	petts & Sun rs and sets.
1	e Ca. Ox. T. b.	highs	0 M 19	18	9 r. 33	Sun rises 4 1/2 p. 3
2	f Corp. Chrif.	knees	1 9	19	19 18	Sun sets 8 1 p. 8
3	g Term begin	and	2 2	20	10 52	Δ 4 8
4	a K. G. III. b.	hams	2 57	21	11 21	6 0 8
5	B 1 S. aft. Trin	legs	3 48	22	11 40	
6	c Rain and	ances	4 37	23	11 55	
7	d winds, over-	feet	5 25	24	Morn	Sun rises 5 0 p. 3
8	e cast perhaps.	tees	6 14	25	0 11	□ 8 8
9	f	head	7 3	26	0 26	Sun sets 1 1 p. 8
10	g Prs. Amel. b.	face	7 57	27	0 39	
11	a St. Barnabas	neck	8 51	28	1 3	
12	B 2 S. att. Trin.	throat	9 50	29	1 30	
13	c Thunder and	arms	10 52	2	4	
14	d hail.	should.	11 51	●	D fets	6 h. 8
15	e Fair seasona-	breast	0 A 59	1	9 30	
16	f ble weather.	stom.	1 46	2	10 8	Sun rises 4 7 p. 3
17	g St. Alban.	heart	2 38	3	10 32	Sun sets 1 3 p. 8
18	a	and	3 30	4	10 52	□ 4 8
19	B 3 S. att. Trin.	back	4 15	5	11 6	Δ 4 8
20	c Moderately	bowels	4 53	6	11 19	
21	d warm for	belly	5 30	7	11 32	Longest day.
22	e Term ends.	riins	6 15	8	11 41	
23	f some days to-	and	6 57	9	11 54	Sun rises 4 7 p. 3
24	g St John Bap.	loins	7 40	10	Morn	□ 0 8
25	a gether.	secret.	8 26	11	0 16	Sun sets 1 3 p. 8
26	B 4 S. aft. Trin.	memb.	9 15	12	0 38	
27	c Some rain	bips	10 6	13	1 7	6 0 8
28	d with thunder	thighs	10 59	14	1 46	
29	e St Pet. & Pa	knees	11 53	15	2 33	□ 2 8
30	f	and	Morn	○	D rises	D Eclipsed.



Pearse.

JUNE, 1768.

D	b
1	4
6	5
11	5
16	6
21	7
26	7

Old Sile.  
New Sile.

To be of Substance all one with the Tree,  
Although far thicker and more rough it be,  
So those gilt Studs in th'upper Story driv'n,  
Are nothing but the thickest Part of Heav'n;  
When I observe their Light and hearty Blent,  
Meet Accidents of th'upper Element.

D. D. O. M. D. 7. 8. 9. 10. 11. 12.

Monthly Observations.

21	1	11	22	21	21	18	22	8
22	2	12	20	3	5	7	19	23
23	3	13	17	16	45	19	24	12
24	4	14	14	29	47	20	25	14
25	5	15	11	13	3	21	27	17
26	6	16	8	6	35	21	28	19
27	7	17	6	10	22	22	29	21
28	8	18	3	24	26	23	30	23
29	9	19	1	8	46	24	1	25
30	10	19	59	23	18	24	3	27
1	11	20	57	7	8	58	25	4
2	12	21	53	22	40	26	5	25
3	13	22	49	7	11	7	26	6
4	14	23	47	21	43	27	7	5
5	15	24	44	5	55	28	9	7
6	16	25	41	19	37	28	10	9
7	17	26	39	3	0	29	11	11
8	18	27	36	16	1	30	12	13
9	19	28	33	28	40	31	14	15
10	20	29	30	11	22	1	15	16
11	21	30	27	23	10	2	16	18
12	22	1	25	5	9	2	17	20
13	23	2	22	17	3	3	18	22
14	24	3	19	28	57	4	20	23
15	25	4	16	10	54	4	21	25
16	26	5	13	12	58	5	22	27
17	27	6	10	5	12	6	23	28
18	28	7	8	17	38	6	25	30
19	29	8	5	0	19	7	26	31
20	30	9	2	13	14	8	27	3

June. H. B. B. B. B.

On the 4th Day of this Month 1738, was born his most sacred Majesty GEORGE the Third, King of England, Scotland, France, and Ireland, Defender of the Faith.

On the 10th Day of this Month 1731, was born the hopeful Prince Amelia Sophia, second Daughter to his late Majesty King George the Second.

Wash Sheep for the better where Water doth run,  
And let them go clean and dry in the Sun;  
Then shear him, and spare not at two Days an end,  
The sooner the better his Corps will amend.  
Reward not thy Sheep when ye take off his Coat  
With Twitches and Patches as broad as a Groat;  
Let not such Ungentle things happen to thine,  
Least Fly with her Gentiles do make it to pine.  
Let Lambs go unclipped till June be half worne,  
The better the Fleeces will grow to be thorn.

# JULY hath XXXI Days.

D. Clo.  
flow.

Last Quarter the 7th Day at 5 Morning.  
New Moon the 14th Day at 2 Morning.  
First Quarter the 21st Day at 9 Night.  
Full Moon the 29th Day at 2 Afternoon.

13 13  
74 17  
135 9  
195 42  
255 57

M	W	Saints Days	Moon's	Moon	☾	Moon	Aspects & Sun
D	D	& Weather	Signs.	South.	A	r. & sets	rises and sets.
1	g	Wind, with	hams	0 M 45	17	9 rises	Sun rises 48' p. 3
2	a	Vif. B. V. M.	legs	1 37	18	9 42	Sun sets 12' p. 8
3	B	5 S. aft. Trin	angles	2 29	19	9 58	
4	e	rain.	feet	3 17	20	10 15	
5	d	Fair and	toes	4 6	21	10 29	☐ ☉ 24
6	e	warm.	head	4 56	22	10 40	
7	f	Tho. Baec	face	5 45	23	10 57	
8	g	Pleasant	neck	6 37	24	11 24	Sun rises 50' p. 3
9	a	weather.	throat	7 32	25	11 56	Sun sets 9' p. 8
10	B	6 S. aft. Trin	arms	8 32	26	Morn.	☿ ♀
11	c	Brisk wind	should.	9 31	27	0 37	8 ♀
12	d	and hasty	breast	10 30	28	1 23	* 24 ♀
13	e	showers.	and	11 27	29	2 34	△ 8 ♀
14	f		stom.	0 A 24	☉	D. sets	☉ eclipse in wif.
15	g	St. Swithin.	heart	1 17	1	8 54	☐ 24 ♀
16	a	Air cooling.	back	2 4	2	9 4	Sun rises 58' p. 3
17	B	7 S. aft. Trin	bowels	2 45	3	9 18	☐ 8 ♀
18	c	Thunder now	belly	3 28	4	9 33	Sun sets at 0 p. 8
19	d	about in some	reins	4 8	5	9 43	
20	e	Margaret.	and	4 49	6	9 52	
21	f	places.	loins	5 32	7	10 12	
22	g	Mary Magd.	secret.	6 16	8	10 32	Q. of Den. bo.
23	a		memb.	7 3	9	10 56	Sun rises 5' p. 4
24	B	8 S. aft. Trin	hips	7 53	10	11 34	Sun sets 53' p. 7
25	c	St. James.	and	8 45	11	Morn.	
26	d	St. Anne.	ribs	9 37	12	0 13	
27	e	Temperate	knees	10 32	13	1 13	
28	f	weather.	hams	11 26	14	2 24	
29	g		legs	Morn.	☉	D. rises	
30	a	Dog Days	angles	0 20	16	8 5	Sun rises 12' p. 4
31	B	9 S. aft. Trin	feet	1 16	17	8 17	Sun sets 46' p. 7

Pearse.

JULY, 1768.

D 17 2  
25 2New Style.  
Old Style.

Some think them Fire but not such Fire as lasts,  
No longer then the Fuel that it wastes;  
For then I think all th' Elements too little,  
To furnish them only with one Day's Victual;  
The Heav'ns bright Crests to be living Creatures,  
Ranging for Food and hungry Fodder eaters.

1 8 1  
6 9 1  
11 9 1  
16 10 1  
21 11 1  
26 11 1

Monthly Observations.									
20	1	9	59	26	25	8	28	4	
21	2	10	56	9	50	9	29	5	
22	B	11	54	23	28	10	28	7	<i>July Husbandry.</i>
23	4	12	51	7	X	17	10	2	8
24	5	13	48	21	16	11	3	9	Go muster thy Servants, be Captain thyself,
25	6	14	45	5	V	22	12	4	10 Providing them Weapon, and other like Pew;
26	7	15	42	19	33	12	6	11	Get Bottles and Wallets, keep field in the Heat,
27	8	16	40	3	8	49	13	7	12 The Fear is as much as the Danger is great.
28	9	17	37	18	5	14	8	13	Pay justly thy Tythes, whatsoever they be,
29	B	18	34	2	11	20	14	9	14 That God may in Blessing send Foisson to thee;
30	11	19	31	16	29	15	10	15	15 Though Vicar be bad, or the Parson evil,
1	12	20	29	0	28	29	15	12	15 Go not for thy Tything thyself to the Devil.
2	13	21	26	14	17	16	13	16	16 Let Hay be well made, or a Wife else avows
3	14	22	23	27	48	16	14	17	17 For molding in Mow, or of firing the House.
4	15	23	20	11	12	21	17	18	18 Lay Coarcest aside for the Ox and the Cow,
5	16	24	17	23	58	18	17	19	19 The Finest for Sheep and thy Gelding allow.
6	17	25	15	6	35	18	18	20	20 Try Fallow betime for destroying of Weed,
7	18	26	12	18	57	19	19	20	21 Least Thistle and Dock fall a blooming and seed.
8	19	27	9	1	6	20	20	21	
9	20	28	6	13	5	20	22	21	
10	21	29	4	24	39	21	23	22	
11	22	29	58	6	11	52	21	24	
12	23	0	54	18	49	22	25	22	
13	B	1	53	0	4	54	22	26	
14	25	2	51	13	12	23	28	22	
15	26	3	50	25	47	23	29	22	
16	27	4	48	8	34	24	30	22	
17	28	5	45	21	55	25	1	22	
18	29	6	42	5	3	29	25	3	
19	30	7	40	19	21	26	4	21	
20	B	8	37	3	X	27	26	5	

# AUGUST hath XXXI Days.

Last Quarter the 5th Day at 9 Morning.

New Moon the 12th Day at 1 Afternoon.

First Quarter the 20th Day at 3 Afternoon.

Full Moon the 27th Day at Midnight.

D.	Clo. fall.
1	49
7	16
13	25
19	14
25	43

M	W	Saints. Days	Moon's	Moon	D	Moon	pects & Sun
D	D	& Weather.	Signs.	South	A	r. & sets	rises and sets.
1	c	Lammas D.	toes	1M59	18	8 rises	
2	d	Fair and	head	2 49	19	8 48	Sun rises 23' p. 4
3	e	serene air.	face	3 39	20	9 4	Sun sets 35' p. 7
4	f	Soon overcast	neck	4 32	21	9 28	* 4 8
5	g		and	5 26	22	9 58	
6	a	Transfigur.	throat	6 22	23	10 39	
7	B	10 S. af. Trin	arms	7 21	24	11 23	6 0 8 0 9 0
8	c	Thunder or	should.	8 19	25	Morn.	
9	d	wind or rain.	breast	9 18	26	0 25	* 0 4
10	e	St. Lawrence	stom.	10 13	27	1 34	* 4 8
11	f	Prs. Brunf. b.	heart	11 5	28	2 54	6 0 8
12	g	Pr. Wales b.	back	11 54	●	D sets	Sun rises 43' p. 4
13	a	Showery	bowels	0 A 39	1 7	26	Sun sets 16' p. 7
14	B	11 S. af. Trin	and	1 22	2 7	40	
15	c	Aff. B. V. M	belly	2 3	3 7	53	
16	d	P. Fred. born	reins	2 44	4 8	1	
17	e	Cloudy but	loins	3 27	5 8	16	Sun rises 52' p. 4
18	f	fair, and	secret	4 11	6 8	35	Sun sets 6' p. 7
19	g	warm wea-	and	4 57	7 9	0	
20	a	ther.	memb.	5 44	8 9	32	
21	B	12 S. af. Trin	bips	6 33	9 10	8	P. W. Hen. bo.
22	c		thighs	7 25	10 10	0	
23	d		knees	8 19	11	Morn.	
24	e	St. Bartholo	and	9 12	12 0	3	Δ 8 8
25	f		hams	10 9	13 1	16	Sun rises 8' p. 5
26	g	Wind and	legs	11 1	14 2	33	Sun sets 52' p. 6
27	a	hasty rains.	ankles	11 53	○	D rises	
28	B	13 S. af. Trin	feet	Morn.	16 6	34	
29	c	Dec. S. Jo. B.	toes	0 45	17 7	2	
30	d		head	1 36	18 7	16	Δ 0 8
31	e	Warm air.	face	2 29	19 7	42	

Pearse. AUGUST, 1768.

D 12

Old Sile.	New Sile.	Still sucking-up in their eternal Motion, The Earth for Meat, and for their Drink the Oceans; Sure I perceive no Motion in a Star But natural, certain and regular; But that the Heaven's most ope and shut some Times, Subject to Passions like our earthly Climes.	1121 6141 11131 16141 21142 26152
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D	D	°	′	″	′	″	′	″	Monthly Observations.
21	1	9	35	17	43	26	0	20	
22	2	10	32	27	4	27	8	20	
23	3	11	30	16	23	27	9	19	August Husbandry.
24	4	12	27	0	3	39	28	10	18
25	5	13	25	14	49	28	11	17	Try Fallow once ended, go strike it
26	6	14	22	28	50	29	12	17	and by,
27	B	15	20	12	11	41	29	14	Both Wheat-lane and Barley, and if
28	8	16	17	26	58	30	15	15	let it lie;
29	9	17	15	9	57	8	16	14	And as you have Leisure go compa-
30	10	18	13	23	20	0	17	14	the same,
31	11	19	10	6	25	1	19	13	When up ye do lay it more fruitful
Aug.	12	20	8	19	26	1	20	13	to frame.
	13	21	6	2	11	2	21	12	On the 11th Day of this Month,
3	B	22	3	14	41	2	22	12	1737, was born Princess Augusta,
4	15	23	1	26	58	3	24	11	the first Daughter to her Royal
5	16	23	59	9	4	3	25	11	Highness the Princess Dowager of
6	17	24	57	21	1	3	26	10	Wales.
7	18	25	54	2	54	4	27	13	Get down with thy Brakes & many
8	19	26	52	14	45	4	29	11	Showers do come,
9	20	27	50	26	39	4	30	11	That Cattle the better may Pasture
10	B	28	48	8	42	5	1	12	have some.
11	2	29	46	20	59	5	2	13	In June and in August, as well doth
12	23	0	44	3	35	5	4	14	appear,
13	24	1	42	16	34	6	5	15	Is best to mow Brakes of all Times in
14	25	2	40	29	58	6	6	15	the Year.
15	26	3	38	13	48	7	7	16	Pare Saffron between the two Saint
16	27	4	36	28	2	7	8	17	Mary's Days,
17	B	5	34	12	36	7	10	19	Or set or go shift it that knoweth the
18	29	6	32	27	20	8	11	20	Ways.
19	30	7	30	12	7	8	12	21	Make sure of Reapers, get Harrows
20	31	8	28	26	56	8	13	22	in Land,
									The Corn that is ripe doth nont shed
									as it stand.

# SEPTEMBER hath XXX Days. D Clo. flow.

Last Quarter the 3d Day at 3 Afternoon.  
 New Moon the 11th Day at 3 Morning.  
 First Quarter the 19th Day at 8 Morning.  
 Full Moon the 26th Day at 9 Morning.

10 15  
 72 13  
 134 17  
 196 24  
 258 22

M	W	Saints Days	Moon's	Moon	D	Moon	Aspects & Sun
D	D	& Weather.	Signs.	South.	A	r. & sets	rites and sets.
1	f	Giles.	neck	3 M 25	20	8 30	* ♀
2	g	Lon. b. 1666	throat	4 24	21	8 48	Sun rises 20' p. 9
3	a	Fair and	arms	5 22	22	9 20	Sun sets 38' p. 6
4	B	14 S. af. Trin	should.	6 21	23	10 26	
5	e	seasonable	breast	7 19	24	11 32	
6	d	weather.	stom.	8 14	25	Morn	
7	e	Dog. D. end	heart	9 7	26	0 47	
8	f	Nat. BV. M.	and	9 55	27	2 4	* ☉ ♀
9	g	A pleasant	back	10 44	28	3 22	
10	a	disposition	bowels	11 27	29	4 37	Sun rises 36' p. 5
11	B	15 S. af. Trin	belly	Q A 10	●	D sets	Sun sets 22' p. 6
12	c	of the air.	reins	Q 49	1	6 17	△ ♂ ♀
13	d		and	1 32	2	6 33	
14	e	Holy Cross D	loins	2 15	3	6 54	
15	f	Wind and	secret	3 0	4	7 18	Holy Rood Day
16	g	some rain.	memb.	3 48	5	7 45	* ♀
17	a	Lambert	hips	4 36	6	8 18	Sun rises 48' p. 5
18	B	16 S. af. Trin	and	5 25	7	9 0	Sun sets 10' p. 6
19	c	High winds.	thighs	6 19	8	9 58	
20	d	Ember Week	knees	7 11	9	11 8	
21	e	St. Matthew	hams	8 6	10	Morn	
22	f	Cold rain.	legs	8 59	11	0 23	
23	g	Temperate	ankles	9 49	12	1 37	♂ ☉ ♀
24	a	state of air	feet	10 38	13	3 8	Sun rises 2' p. 6
25	B	17 S. af. Trin	toes	11 31	14	4 35	Sun sets 56' p. 5
26	c	St. Cyprian.	head	Morn	○	D rises	
27	d	towards the	face	0 25	16	5 52	
28	e	end.	neck	1 21	17	6 18	
29	f	St. Michael	throat	2 18	18	6 52	Sun rises 14' p.
30	g	St. Jerome.	arms	3 20	19	7 35	Sun sets 45' p.

Pearle. SEPTEMBER, 1768.

Old New Sole.	Sole, New Sole.	So twinkling Tapers, that Heav'n's Arches fill,	1	15	22
		Equally distant should continue still ;	6	16	23
		He that to number all the Stars would seek	11	16	24
		Had need invent some new Arithmetic ;	16	16	25
		But in the Rest under that glorious Heaven,	21	17	26
		But one a Piece unto the several Sev'n.	26	17	27

P	D	☉	☿	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	Monthly Observations.
21	1	9	26	11	21	9	15	24								
22	2	10	25	25	37	9	16	25								
23	3	11	23	9	11	35	9	17	26							
24	B	12	21	23	17	9	18	28								
25	5	13	19	6	22	44	9	20	29							At Michaelmas lightly new Farmer comes in,
26	6	14	18	19	57	10	21	17								New Husbandry forceth him now to begin.
27	7	15	16	2	57	10	22	2								
28	8	16	14	15	47	10	23	4								
29	9	17	13	28	25	10	25	5								
30	10	18	11	10	17	3	10	26	7							
31	B	19	10	23	12	11	27	9								
1	12	20	8	5	20	11	28	11								
2	13	21	7	17	21	11	30	13								
3	14	22	5	29	15	11	1	15								
4	15	23	4	11	17	5	11	2	17							
5	16	24	3	22	54	11	3	19								
6	17	25	1	4	47	R	5	21								
7	B	26	0	16	46	11	6	23								
8	19	26	59	28	59	11	7	25								
9	20	27	57	11	30	11	8	27								
10	21	28	56	24	30	11	10	29								
11	22	29	55	7	8	11	11	1								
12	23	30	54	21	41	11	12	3								
13	24	1	53	6	3	11	13	5								
14	B	2	52	20	50	11	15	6								
15	20	3	51	5	54	11	16	8								
16	27	4	50	21	6	10	17	10								
17	28	5	49	6	8	13	10	18	12							
18	20	6	57	21	6	10	20	14								
19	30	7	55	5	11	38	10	21	16							

# OCTOBER hath XXXI Days.

Last Quarter the 2d Day at Midnight.  
 New Moon the 10th Day at 8 Night.  
 First Quarter 18th Day at 11 Night.  
 Full Moon the 25th Day at 6 Night.

D	Clock flow.
1	10 26
7	12 11
13	13 44
19	14 53
25	15 48

M	W	Saints Days & Weather	Moon's Signs.	Moon South.	D	Meon r. & sets	Aspects & Sun rises and sets.
1	a	Remigius	should.	4 M 23	20	8 r. 33	□ h ♀
2	B	18 S.af. Trin	breast	5	22 21	9 41	
3	c	Mild and	and	6	19 22	10 53	Sun rises 18' p. 6
4	d	gentle wea-	stom.	7	14 23	Morn	Sun sets 41' p. 5
5	e	ther for the	heart	8	5 24	0 10	
6	f	Faith	back	8	50 25	1 26	
7	g	season.	bowels	9	34 26	2 38	♂ 2 ♀
8	a		belly	10	18 27	3 48	
9	B	19 S.af. Trin	reins	11	0 28	5 1	Sun rises 32' p. 6
10	c	Ca. Ox. T. b.	and	11	40	0	sets □ ⊙ h
11	d	Various fets	thoms	0 A 23	1 5	12	Sun sets 27' p. 5
12	e	of weather	stret	1	7 2	5 29	♂ ♀ ♀
13	f	K. Ed. con	memb.	1	53	5 55	8 ♂ ♀ 8 ♂ ♀
14	g	may be ex-	bips	2	40	4 6	29
15	a	pected about	and	3	28	5 7	11
16	B	20 S.af. Trin	thighs	4	21	6 8	0
17	c	Elkheldred	knees	5	13	7 9	2
18	d	St. Luke	hams	6	5	8 10	13 Sun rises 5 ♂ p. 5
19	e	this time.	legs	6	54	9 11	32 Sun sets 9' p. 6
20	f	Good weather	and	7	44	10	Morn.
21	g	Urfula	ankles	8	33	11 0	48
22	a	for the season	feet	9	25	12 2	13
23	B	21 S.af. Trin	toes	10	17	13 3	42
24	c	Some winds	head	11	12	14 5	14
25	d	K.G. III. In.	face	Morn.	●	D rises	♂ ⊙ 4 8 ⊙ ♂
26	e	K.G. III. pro.	neck	0	10 16	4 51	8 2 ♂
27	f	and rain.	throat	1	11 17	5 31	Sun rises 8' p. 7
28	g	St. Si. & Jude	arms	2	13 18	6 21	Sun sets 52' p. 4
29	a		should.	3	16 19	7 27	
30	B	22 S.af. Trin	breast	4	19 20	8 44	
31	c		stom.	5	14 21	0 5	



Pearse.

OCTOBER, 1768.

D	h	24
	25	26
1	18	28
6	18	29
11	18	30
16	18	1
21	19	2
26	19	3

Old stile.  
New stile.

Left of, those Lamps, the Number passing Number,  
Should mortal Eyes with such Confusion cumber,  
That we should never in the clearest Night  
Stars divers Course see or discern aright.  
And therefore also all the fixed Tapers  
He made to twinkle with such trembling Capers.

D	D	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
20	1	8	40	19	7	10	22	18																									
21	B	9	45	3	32	10	23	20																									
22	3	10	44	16	55	10	24	21																									
23	4	11	43	29	58	9	26	23																									
24	5	12	43	12	46	9	27	25																									
25	6	13	42	25	21	9	28	26																									
26	7	14	41	7	44	8	29	28																									
27	8	15	41	19	58	8	30	29																									
28	B	16	40	2	5	8	31	30																									
29	10	17	40	14	5	8	3	3																									
30	11	18	39	25	59	7	4	4																									
1	12	19	39	7	50	7	6	6																									
2	13	20	38	19	38	7	7	7																									
3	14	21	38	1	28	6	8	9																									
4	15	22	38	13	21	6	9	10																									
5	B	23	38	25	22	6	11	12																									
6	17	24	37	7	33	5	12	13																									
7	18	25	37	20	1	5	13	15																									
8	19	26	37	2	50	5	14	16																									
9	20	27	36	16	5	4	16	17																									
10	21	28	36	29	49	4	17	19																									
11	22	29	36	14	4	4	18	20																									
12	B	om	36	28	46	3	19	21																									
13	24	1	36	13	52	3	21	23																									
14	25	2	36	29	10	3	22	24																									
15	26	3	36	14	30	2	23	25																									
16	27	4	36	28	39	2	24	27																									
17	28	5	36	14	11	30	2	26	28																								
18	29	6	36	28	55	2	27	29																									
19	B	7	36	12	53	1	28	31																									
20	31	8	36	26	24	1	29	1																									

## Monthly Observations.

## October Husbandry.

In Suffolk again where Wheat never grew,  
Good Husbandry used, good Wheat-land I knew:  
This Proverb Experience long ago gave,  
That nothing who practiseth nothing shall have.  
As Gravel and Sand is for Rye and not Wheat,  
Or yieldeth her Burden to some the more great:  
Wheat sometime is steely, or burnt as it grows,  
For Pride or for Poverty Practice so knows.  
Too lusty of Courage, for Wheat doth not well,  
Nor after Sir Peeter he loveth to dwell.  
Much wetness, hog-rooting, and Lind out of Heart,  
Make Thistles a Number forthwith to upstart;  
If Thistles so growing prove lusty and long,  
It signifieth Land to be lusty and strong.

NOVEMBER hath XXX Days.	D	Clo. flow.
Last Quarter the 1st Day at Noon.	1	16 16
New Moon the 9th Day at 2 Afternoon.	7	16 1
First Quarter the 17th Day at 1 Afternoon.	13	15 26
Full Moon the 24th Day at 4 Morning.	19	14 16
	25	12 36

W Saints Days	Moon's	Moon	D	Moon	Aspects & Sun
D & Weather.	Signs.	South	A	& sets	rises and sets.
1 d All Saints	heart	6 M 6	22	11 r. 18	Sun rises 19' p. 7
2 e All Souls	back	6 55	23	Morn.	Sun sets 40' p. 4
3 f Clear and	bowels	7 35	24	0 32	
4 g sharp aix.	and	8 18	25	1 45	
5 a Powder Plot	belly	9 12	26	2 57	
6 B 23 S. af. Trin	reins	9 40	27	4 8	♂ ♀ ♀
7 c D. Cumb. b.	loins	10 22	28	5 15	Term begins.
8 d Cold mornings	secret	11 6	29	6 24	Sun rises 30' p. 7
9 e dark, foggy,	and	11 53	○	D sets	Sun sets 28' p. 4
10 f and misty	memb.	0 A 42	1	4 34	△ ⊙ ♄
11 g Martinmas	hips	1 31	2	5 10	
12 a weather.	thighs	2 19	3	5 58	
13 B 24 S. af. Trin	knees	3 10	4	6 58	
14 c Cold rains,	and	4 1	5	8 2	
15 d or snow,	hams	4 50	6	9 20	
16 e with sharp	legs	5 38	7	10 36	Sun rises 42' p. 7
17 f frosty morn-	ances	6 27	8	11 54	Sun sets 18' p. 4
18 g ings.	feet	7 14	9	Morn.	
19 a toes		8 2	10	1 14	
20 B 25 S. af. Trin	head	8 53	11	2 41	
21 c face		9 48	12	4 10	Sun rises 48' p. 7
22 d Old Mart.	neck	10 46	13	5 36	Sun sets 12' p. 4
23 e St. Clement	h rca	11 48	14	7 5	△ ♂ ♀
24 f Overcast for	arms	Morn	●	D rises	
25 g D. Gloc. b.	should.	0 55	16	5 4	
26 a rain, or snow.	breast	1 56	17	6 16	
27 B Advent Sun.	flom.	2 52	18	7 34	Sun rises 55' p. 7
28 c heart		3 53	19	8 53	Term ends.
29 d and		4 44	20	10 13	Sun sets 2' p. 4
30 e St. Andrew	back	5 30	21	11 33	Prs. Do. W. bo.
	bowels				

Pearse. NOVEMBER, 1768.

D h m

Old stile.

New stile.

The Earth receives Man when he first is born,  
Th' Earth nourishes him, and when he is forlorn  
Of th' other Element, and Nature loaths him,  
The Earth in her Bosom with kind Burial cloaths him.  
Oft hath the Air with Tempests set upon us,  
Oft hath the Water with her Floods undone us.

1 19 4  
6 R 6  
11 19 7  
16 19 8  
21 18 9  
26 18 10

D	D	h	m	s	h	m	s	h	m	s
21	1	9	37	9	30	1	1	2		
22	2	10	37	22	16	1	2	4		
23	3	11	37	4	44	R	3	5		
24	4	12	37	17	c	o	5	6		
25	5	13	38	29	5	o	6	7		
26	B	14	38	11	4	v	7	8		
27	7	15	38	22	57	30	8	8		
28	8	16	39	4	48	30	9	9		
29	9	17	39	16	37	29	11	10		
30	10	18	40	28	28	29	12	11		
31	11	19	40	10	22	29	13	11		
Nov.	12	20	41	22	21	29	14	12		
	B	21	41	4	8	29	15	12		
	14	22	42	16	45	29	17	12		
	4	15	23	42	29	17	29	18	12	
	5	16	24	43	12	7	28	19	R	
	6	17	25	43	25	17	28	20	12	
	7	18	26	44	8	51	28	22	12	
	8	19	27	45	22	51	28	23	11	
	9	B	28	45	7	17	28	24	10	
	10	21	29	46	22	6	28	25	9	
	11	22	30	48	7	8	12	28	27	8
	12	23	1	48	22	25	28	28	7	
	13	24	2	48	7	11	32	27	29	5
	14	25	3	49	22	29	27	29	27	4
	15	26	4	50	7	23	4	27	2	2
	16	B	5	51	21	15	27	3	m	
	17	28	6	52	4	5	37	27	4	29
	18	29	7	53	18	13	27	5	28	
	19	30	8	54	1	12	4	27	7	28

## Monthly Observations.

### November Husbandry.

At Hallontide Slaughter-time enter-  
eth in,  
And then doth the Husbandman's  
Feasting begin;

On the 7th Day of this Month  
1745, Prince Henry Frederic, the  
fourth Son of her Royal Highness  
the Princess Dowager of Wales, was  
born.

From thence unto Shrovetide 'kill  
now and then some,  
Their Oflal for Household the better  
will come.  
Thy Dredge and thy Barley go thresh  
ou to Malt,  
Let Maltster be cunning else lose it  
thou shalt.  
The Increase of a Seame is a Bushel  
for Store,  
Bad else is the Barley or Houfwife  
much more.

The 25th Day of this Month  
1743, the hopeful Prince William  
Henry, the third Son of her Royal  
Highness the Princess Dowager of  
Wales, was born.

On the 30th Day of this Month,  
1719, was born her Royal Highness  
the Princess Dowager of Wales.

# DECEMBER hath XXXI Days.

Last Quarter the 1<sup>st</sup> Day at 4 Morning.  
 New Moon the 9<sup>th</sup> Day at 9 Morning.  
 First Quarter the 16<sup>th</sup> Day at Midnight.  
 Full Moon the 23<sup>d</sup> Day at 3 Afternoon.  
 Last Quarter the 30<sup>th</sup> Day at Midnight.

D	Clow. flow.
1	10 32
7	8 2
13	5 18
19	2 20
25	0 fast

M	W	Saints	Days	Moon's	Moon	M	Moon	Aspects & Sun
D	D	& Weather.	Signs	South	Ar.	& sets	rises and sets.	
1	f	sharp, cold,	and	6 M	12	22	Morn. * ♀	
2	g	nippy	belly	6	54	23	0 47 Sun rises 3 <sup>h</sup> p. 8	
3	a	wind.	reins	7	35	24	1 56 Sun sets 5 <sup>h</sup> p. 3	
4	B	2 S. in Adv	loins	8	17	25	3 3	
5	c	Dark cloudy	secret	8	58	26	4 10	
6	d	Nicholas	and	9	42	27	5 16	
7	e	weather.	memb.	10	29	28	6 24 Sun rises 7 <sup>h</sup> p. 8	
8	f	Co. B.V.M.	hips	11	16	29	7 30 8 h ♀	
9	g	Mild and	high	0 A	8	0	1 sets Sun sets 5 <sup>h</sup> p. 3	
10	a	temperate.	hues	1	1	1	4 44 ☉ elip. invisible	
11	B	3 S. in Adv	and	1	53	2	5 47	
12	c	Consider the	hams	2	39	3	6 58	
13	d	Lucy	legs	3	30	4	8 16	
14	e	Ember Week	uncles	4	20	5	9 30 Sun rises 11 <sup>h</sup> p. 8	
15	f	season, snow.	feet	5	4	6	10 50 Sun sets 4 <sup>h</sup> p. 3	
16	g	Cam. T. end	oes	5	52	7	Morn.	
17	a	Ox. T. end	head	6	48	8	0 11 ☐ ♂ ♀	
18	B	4 S. in Adv	face	7	30	9	1 35	
19	c	Cloudy, with	neck	8	23	10	2 59	
20	d	rain, or sleet	throat	9	18	11	4 22 Δ ☉ ♂	
21	e	St. Thomas	arms	10	17	12	5 48	
22	f	of snow.	should.	11	21	13	7 7 Sun rises 13 <sup>h</sup> p. 8	
23	g	Frost.	breast	Morn.	●	1	8 rises ☽ eclips. visible	
24	a		and	0	25	15	4 55 Sun sets 4 <sup>h</sup> p. 3	
25	B	Christ. Day	from.	1	24	16	6 14	
26	c	St. Stephen	heart	2	19	17	7 39 Δ ♀ ☽	
27	d	St. John Ev	back	3	6	18	8 59	
28	e	Holy Inno.	hams	3	49	19	10 15	
29	f		belly	4	34	20	11 25	
30	g	More mild.	reins	5	15	21	Morn. Sun rises 1 <sup>h</sup> p. 8	
31	a	Silvester.	loins	5	57	22	0 34 Sun sets 5 <sup>h</sup> p. 3	

# Pearse. DECEMBER, 1768.

Old Style.	New Style.	Of the Fire th'upper as well as ours With woeful Flames consum'd our Towns and Tow'rs Only the Earth of all the Elements Unto Mankind is kind without Offence; See then the Earth's and Water's blended Ball Is Center, Heart, and Navel of this all.	D	25	1
			1	18	1
			6	17	1
			11	17	1
			16	17	1
			21	16	1
			26	16	1

D	D	O	F	S	S	S	S	Monthly Observations.
20	1	9	55	13	35	27	8	27
21	2	10	55	25	50	27	9	27
22	3	11	56	7	53	27	10	27
23	4	12	57	19	47	27	12	26
24	5	13	58	1	38	27	13	26
25	6	14	59	13	27	D	14	D
26	7	16	0	25	17	27	15	26
27	8	17	1	7	13	27	17	27
28	9	18	2	19	15	27	18	27
29	10	19	4	1	5	27	19	28
30	B	20	5	13	46	27	20	29
1	12	21	6	26	18	27	21	30
2	13	22	7	9	4	28	23	1
3	14	23	8	22	4	28	24	2
4	15	24	9	5	20	28	25	3
5	16	25	10	18	53	28	26	4
6	17	26	11	2	45	28	28	5
7	B	27	12	16	54	28	29	6
8	19	28	14	1	8	29	30	8
9	20	29	15	16	1	29	1	9
10	21	0	16	0	11	29	3	10
11	22	1	17	15	39	29	4	11
12	23	2	18	0	23	30	5	13
13	24	3	19	14	53	8	6	14
14	B	4	20	29	4	0	8	16
15	26	5	22	12	51	1	9	17
16	27	6	23	26	14	1	10	19
17	28	7	24	9	12	2	11	20
18	29	8	25	21	48	2	12	21
19	30	9	26	4	6	3	14	23
20	31	10	28	16	10	3	15	24

## December Husbandry.

When Frost will not suffer to dike  
and to hedge,  
Then get thee a Heat with thy Bee-  
tle and Wedge,  
Once Hallomas come, and a Fire in  
the Hall,  
Such Slivers do well for to lie by  
the Wall.  
Get Grindstone and Whetstone for  
Tool that is dull,  
Or often be letted and frett Belly  
full:  
A Wheel-barrow also be ready to  
have  
At Hand of thy Servant thy Compost  
to save.  
Give Cattle their Fodder in Plot dry  
and warm,  
And count them for miring, or other  
like Harm:  
Young Colts, with thy Wennels to-  
gether go serve,  
Least lurch'd by others they happen  
to starve.  
The Rack is commended for saving  
of dung,  
To set as the Old cannot mischief  
the Young.

# TABLE of the common Notes and Moveable Feasts for the Year 1768.

## Common Notes for the Year 1768.

olden Number	2	Easter Sunday	April 3
oact	11	Whit-Sunday	May 22
ominical Letters	C B	Roman Indiction	1
ycle of the Sun	13	Trinity Sunday	May 29
rove Sunday	Feb. 14		

## The Names and Characters of the Planets, with the *Dragon's Head and Tail.*

♄ Saturn	}	☉ Sol, the Sun	}	♀ Venus
♃ Jupiter				☿ Mercury
♂ Mars				☾ The Moon.
		♈ Dragon's Head.		
		♏ Dragon's Tail.		

## The Characters of the A S P E C T S.

♌ Conjunction	}	♐ Opposition	}	Δ Trine
* Sextile				□ Square.

## Upon the Twelve S I G N S.

♈ *Aries*, the Head and Face the horned Ram doth rule,  
 ♉ *Taurus*, the Neck and Throat are govern'd by the Bull,  
 ♊ *Gemini*, the Twins the Arms and Shoulders guide,  
 ♋ *Cancer*, the Crab-fish on the crafty Breast doth ride,  
 ♌ *Leo*, the Lyon strong claims both the Back and Heart,  
 ♍ *Virgo*, the Virgin chaste defends the Belly-part,  
 ♎ *Libra*, the equal Balance weigh the Reins and Loins,  
 ♏ *Scorpio*, the Scorpion the Secrets always claims,  
 ♐ *Sagittarius*, the Archer boldly owns the Thighs his Due,  
 ♑ *Capricorn*, the Goat will have the Knees to view,  
 ♒ *Aquarius*, the Legs and Ancles governs true,  
 ♓ *Pisces*, the Feet, with which I bid adieu.

P E A R S E, 1768.

THE  
SECOND PART  
OF THE  
COELESTIAL DIARY.

CONTAINING

A CHRONOLOGY of many Remarkable  
Accidents and Occurrences, that have hap-  
pened since the Birth of our Lord JESUS  
CHRIST.

With Astrological Observations upon the Eclipses,  
Solar Ingresses, various Positions, Aspects, and Con-  
figurations of the Heavenly Bodies; with many other  
considerable Matters.

By S A L E M P E A R S E,  
Student in Physick and the Coelestial Sciences.

WISDOM vii. 17, 18, 19, 20.

*For he hath given me certain Knowledge of Things that  
are, namely, to know how the World was made, and  
the Operations of the Elements; the Beginning, End-  
ing, and Mids of the Times; the Alterations of the  
Turnings of the Sun, and Change of Seasons; the  
Circuits of Years, and Positions of Stars; the Names  
of living Creatures, and the Furies of wild Beasts;  
the Violence of Winds, and the Reasoning of Men;  
the Diversities of Plants; and the Virtues of Roots.*

L O N D O N:

Printed by R. and M. BROWN, for the Company of  
STATIONERS.

# P E A R S E, 1768.

*A TABLE shewing the Time of the Seven Stars coming to the South every fifth Day throughout the Year 1768.*

Months,	Days. 1.	Days. 6	Days. 11	Days. 16	Days. 21	Days. 26	Days. 31
	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.
January	8A 42	8A 26	7A 58	7A 37	6A 16	6A 55	6A 34
February	6 30	6 10	5 50	5 30	5 11	4 52	
March	4 41	4 22	4 4	3 45	3 27	3 9	2 51
April	2 47	2 29	2 11	1 52	1 34	1 15	
May	0 56	0 37	0 17	11M 57	11M 37	11M 17	10M 58
June	10M 53	10M 32	10M 12	9 52	9 32	9 10	
July	8 49	8 28	8 8	7 47	7 27	7 7	6 48
August	6 43	6 24	6 5	5 46	5 28	5 9	4 51
September	4 47	4 29	4 11	3 53	3 35	3 17	
October	2 59	2 41	2 22	2 4	1 45	1 26	1 6
November	1 3	0 43	0 23	0A 2	11A 41	11A 20	A
December	10A 59	10A 37	10A 16	9 54	9 31	9 9	8 47

## *The Use of the TABLE.*

**FIND** your Month (wherein you desire to know at what Time the *Pleiades* come to South) on the left Side of the Table, and the Day of the Month on the Head; and in the Angle, or Place of Meeting, you have the true Time set over against every Month, for every Day.

As for Example.

On the 11th Day of *January*, the Seven Stars come to South at 58 min. past 7 at Night, and *July* 21, at 27 min. past 7 in the Morning.

*Note*, M stands for Morning; A for Afternoon; and where there is no Letter, it is the same with the last preceding, &c.

*Note also*, These following fixed Stars, viz.

	H. M.	
The Bull's Eye	0 49	} after the Seven Stars.
The great Dog	3 3	
The Lion's Heart	6 23	
Spica $\eta$	9 4	} before the Seven Stars.
Cor $\eta$	11 12	
The Harp	9 1	

*A Table*



# PEARSE, 1768.

A Table shewing what two Days in the Year are of the same Length.

Trop. ☿	May	July	Ap.	Aug.	Mar.	Sep.	Feb.	Oct.	Jan.	Nov.
June. 21	22	22	20	23	20	23	16	25	13	28
20	22	21	23	19	24	19	24	15	12	29
19	23	20	24	18	25	18	25	14	11	30
18	24	19	25	17	26	17	26	13	10	
17	25	18	26	16	27	16	27	12	Jan.	Dec.
16	26	17	27	15	28	15	28	11	Jan.	Dec.
15	27	16	28	14	29	14	29	10	6	1
14	28	15	29	13	30	13	30	9	7	2
13	29	14	30	12	31	Mar.	Oct.	8	7	3
12	30	13	31	11	1	12	1	7	6	4
June. 11	1	May. 12	1	10	2	11	2	6	5	5
10	2	11	2	9	3	10	3	5	4	6
9	3	10	3	8	4	9	4	4	3	7
8	4	9	4	7	5	8	5	3	2	8
7	5	8	5	6	6	7	6	2	1	9
6	6	7	6	5	7	6	5	1	Dec.	Dec.
5	7	6	7	4	8	7	6	Jan.	31	10
4	8	7	8	3	9	8	7	31	30	11
3	9	8	9	2	10	9	8	30	29	12
2	10	9	10	1	11	10	9	29	28	13
1	11	10	11	Mar.	12	11	10	28	27	14
May. 31	1	12	1	31	13	12	11	27	26	15
30	2	13	2	30	14	13	12	26	25	16
29	3	14	3	29	15	14	13	25	24	17
28	4	15	4	28	16	15	14	24	23	18
27	5	16	5	27	17	16	15	23	22	19
26	6	17	6	26	18	17	16	22	21	20
25	7	18	7	25	19	18	17	21	20	21
24	8	19	8	24	20	19	18	20	19	Tropic
23	9	20	9	23	21	20	19	19	18	18
22	10	21	10	22	22	21	20	18	17	19
	11	22	11					17	16	20
	12		12					16	15	
	13		13					15	14	
	14		14					14	13	
	15		15					13	12	
	16		16					12	11	
	17		17					11	10	
	18		18					10	9	
	19		19					9	8	
	20		20					8	7	
	21		21					7	6	
	22		22					6	5	
	23		23					5	4	
	24		24					4	3	
	25		25					3	2	
	26		26					2	1	
	27		27					1		
	28		28							
	29		29							
	30		30							
	31		31							

*A Chronological Account of many remarkable Accidents and Occurrences that have happened in most Ages, since the Birth of our Lord JESUS CHRIST, to this present Year 1768.*

*Years of Christ.*

*Years past.*

1	<b>T</b> HIS Year began about the 42d Year of <i>Augustus Cæsar</i> , <b>JESUS CHRIST</b> taking our Nature upon him (by the Will of GOD) was born of the Virgin <i>Mary</i> . This was in the Age of the World 3947.	1768
30	<b>CHRIST</b> baptized.	1738
33	The Passion and Resurrection of our Saviour.	1735
34	<i>Stephen's</i> Martyrdom, and <i>St. Paul's</i> Conversion.	1734
35	<i>Rome</i> , by the Command of <i>Nero</i> , was set on Fire.	1733
63	The Beginning of the Persecutions of the <i>Christians</i> , in the tenth Year of <i>Nero's</i> Reign. Note, In the Space of 241 Years, the <i>Christians</i> were persecuted ten Times; after which sprung up one <i>Constantine</i> , who made an Edict for <i>Christian</i> Liberty, he being the first <i>Christian</i> Emperor.	1705
361	<i>Athanasius</i> writes against <i>Arius</i> .	1407
430	<i>St. Austin</i> died.	1338
569	The Tower of <i>London</i> built.	1199
635	<i>Cambridge</i> made an University.	1133
819	<i>Egbert</i> made <i>England</i> the first Monarchy.	949
871	<i>Oxford</i> made an University.	897
1066	<i>William Duke of Normandy</i> conquered <i>England</i> .	702
1120	Thunder and Lightning from <i>Nov. 12. to Nov. 27.</i>	648
1190	<i>Henry Fitz-Alwin</i> , first Lord-Mayor of <i>London</i> , in the 2d Year of <i>Richard I.</i>	578
1209	<i>London-Bridge</i> built with Stone.	559
1269	The <i>Thames</i> frozen from <i>St. Andrew's</i> till <i>Candlemas</i> .	499
1289	An exceeding hot Summer, many died thro' Extremity of Heat.	479
1215	Abundance of Rain in Harvest, so that Horses, Dogs, &c. were eaten.	453
	The Invention of Guns.	390
	<i>Uslanz</i> , the <i>Scythian</i> , slew 20,000 <i>Turks</i> , and <i>Ok Bajazet</i> the Emperor, and bound him in	

# A Chronology, &c. 1768.

Years of Christ.	Years since.
	<p>Fetters of Gold, and carried him about in an Iron Cage. 371</p> <p>1407 A Pestilence in <i>London</i>, whereof died 30,000. 361</p> <p>1410 <i>Richard Whittington</i>, four times Lord-Mayor of <i>London</i>, was buried in <i>St. Michael's Royal</i> in <i>Thames-street</i>. 358</p> <p>1440 The Art of Printing first invented by <i>John Faustus</i>, of <i>Mentz</i>, in <i>Germany</i>. 328</p> <p>1527 Rain (almost continually) from the 3d of <i>June</i>; after which followed a Scarcity, that many died for want of Bread. 241</p> <p>1563 A terrible Thunder and Lightning, which continued from the 1st of <i>Dec.</i> to the 12th. 205</p> <p>1567 The <i>Royal Exchange</i> finished. 201</p> <p>1585 Tobacco first used in <i>England</i>. 183</p> <p>1589 The ingenious <i>William Lee</i>, M. A. of <i>St. John's College, Cambridge</i>, devised the Storking Frame; but being despised, went to <i>France</i>. 179</p> <p>1597 Great Waters, and Scarcity of Corn; Wheat at 14s. a Bushel. 171</p> <p>1602 A Plague in <i>London</i>, whereof died 30,578 Persons. 166</p> <p>1605 The Powder Treason 163</p> <p>1607 The Bible new translated and finished. 161</p> <p>1614 The <i>New River</i> brought to <i>London</i>. 154</p> <p>1625 A Plague in <i>London</i>, whereof died 35,417; of all Diseases 54,265. 143</p> <p>1625 <i>William-Middleton Child</i>, of <i>Hale</i>, in <i>Lancashire</i>, died, aged 50 Years; he was as large as <i>Goliath</i> of <i>Gath</i>. 143</p> <p>1630 <i>New England</i> planted. 138</p> <p>1648 King <i>Charles I.</i> traiterously beheaded. 120</p> <p>1660 King <i>Charles II.</i> restored, May 29. 108</p> <p>1665 Three blazing Stars appeared: And the same Year a Plague in <i>London</i>, whereof died 68,586; but of all Diseases near 100,000. 103</p> <p>1666 13,200 Houses burnt in <i>London</i>. 102</p> <p>1676 600 Houses burnt in <i>South-wark</i>. 92</p> <p>1678 <i>Green, Bury</i>, and <i>Hill</i> executed for murdering Sir <i>Edmundbury Godfrey</i>. 90</p> <p>1680 A great Comet appeared in <i>Dec.</i> and <i>Jan.</i></p>

<i>A Chronological Account of</i>		<i>St. 1700.</i>	<i>Years since,</i>
<i>dents and Occurren-</i>			
<i>Ages, since the</i>		<i>1700, with a Fair kept upon</i>	
<i>to this pre-</i>		<i>beheaded, July 15.</i>	84
<i>Years of Christ</i>		<i>sent to the Tower, and the pre-</i>	83
<i>1 T F</i>		<i>of Wales born.</i>	80
<i>our</i>		<i>Q. Mary crowned, April 11.</i>	79
<i>w?</i>		<i>and intended Invasion.</i>	78
<i>P</i>		<i>new coined.</i>	72
<i>30 C</i>		<i>with France; and the Czar of Muscovy at</i>	70
<i>33</i>		<i>James II. (who abdicated his Kingdom,</i>	
<i>31</i>		<i>18, 1688) died at St. Germain in France,</i>	67
<i>7</i>		<i>Sept. 5.</i>	66
<i>168</i>		<i>War declared against France and Spain.</i>	66
		<i>Nov. 27. a terrible Wind.</i>	65
		<i>May 1. England and Scotland united.</i>	61
		<i>The pretended Pr. of Wales attempted to invade</i>	
		<i>Great Britain.</i>	60
<i>1708</i>		<i>St. Paul's in London finished.</i>	60
<i>1713</i>		<i>May 5. A Peace with France proclaimed.</i>	55
<i>1714</i>		<i>Q. Anne died Aug. 1. and K. George I. began.</i>	54
<i>1715</i>		<i>The Rebellion at Preston.</i>	53
<i>1718</i>		<i>March 6. the Beginning of the Lights in the North.</i>	50
<i>1719</i>		<i>March 19. the great fiery Meteor.</i>	49
<i>1723</i>		<i>The Deprivation of the Bishop of Rochester.</i>	45
<i>1726</i>		<i>Oct. 8. The Heavens seemed to burn like flaming</i>	
		<i>Fire, at Eight at Night.</i>	42
<i>1727</i>		<i>King George I. died June 11. and King George II.</i>	
		<i>proclaimed the 15th.</i>	41
<i>1730</i>		<i>Fulham and Putney-Bridge built of Timber.</i>	38
<i>1733</i>		<i>Feb. 21. Broad Pieces of Gold called in, and</i>	
		<i>coined into Guineas.</i>	35
<i>1737</i>		<i>Stocks-Market removed to Fleet-Street in Septem-</i>	
		<i>ber, Sir John Thompson Lord-Mayor.</i>	31
<i>1738</i>		<i>Westminster Bridge begun.</i>	30
<i>1739</i>		<i>June 3. Mr. Whitefield preached to a giddy People</i>	
		<i>in Moorfields, London: Text, St. Luke xviii. 14.</i>	29
<i>1739</i>		<i>War declared against Spain, Oct. 23.</i>	29
<i>1740</i>		<i>Died the Pope, the King of Prussia, the Emperor</i>	
		<i>of Germany, and the Empress of Russia.</i>	28
			1742

# *A Chronology, &c. 1768.*

<i>Years of Christ.</i>		<i>Years since.</i>
1742	A Comet appeared from Feb. 18, to March 21.	26
1743	A very splendid Comet was seen Decem. 23, in the Signs <i>Aries</i> and <i>Pisces</i> ; it continued visible to Feb. 20.	25
1744	March 4, France declared War against England, and March 31, Great-Britain proclaimed War against France.	24
1745	Commodore Warren and Capt. Pepperel took the Island of Cape-Breton from the French.	23
1745	In August the Pretender's Son, by French Assistance, landed in Scotland, raised a Rebellion, ravaged great Part of that Country, and made an Excursion into England.	23
1745	Marshal Belleisle and his Brother brought Prisoners to Windsor Castle.	23
1746	The heroic and magnanimous Duke of Cumberland defeated the Rebel Army, April 16, and quelled the Rebellion.	22
1748	A general Peace, signed Oct. 7.	20
1749	Cape-Breton given up to the French.	19
1750	The British Fishery erected.	18
1751	Prince of Wales died.	17
1752	The Date and Calendar altered.	16
1755	Lisbon destroyed by an Earthquake.	13
1756	Angria's Family and Treasure seized.	12
1756	War declared against France, May 18.	12
1757	Militia Act passed.	11
1757	Cotuit Dayn. defeated at Lissa by the King of Persia.	11
1758	Senegal, in Africa, taken by the English; Capt. A. Millar was the first that passed the Bar.	10
1758	Crevelt Victory obtained by Prince Ferdinand.	10
1758	Cape-Breton taken by Boscawen, Amberst, and Wolfe.	10
1758	Cherburg Fort destroyed by the English.	10
1758	Gorte Island taken by the English.	10
1759	Guadaloupe Isle taken by the English.	9
1759	Madrag. besieged by the French, who were beat off by the English.	9
1759	Admiral Boscawen beat the French Fleet off Cape Lagos.	

# P E A R S E, 1768.

*A TABLE showing the Time of the Seven Stars coming to the South every 5th Day throughout the Year 1768.*

Months,	Days. 1.	Days. 6	Days. 11	Days. 16	Days. 21	Days. 26	Days. 31
	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.
January	8A 42	8A 24	7A 58	7A 37	6A 16	6A 55	6A 34
February	6 30	6 10	5 50	5 30	5 11	4 52	
March	4 41	4 22	4 4	3 45	3 27	3 9	2 51
April	2 47	2 29	2 11	1 52	1 34	1 15	
May	0 56	0 37	0 17	11M 57	11M 37	11M 17	10M 58
June	10M 53	10M 32	10M 12	9 52	9 32	9 10	
July	8 49	8 28	8 8	7 47	7 27	7 7	6 48
August	6 43	6 24	6 5	5 46	5 28	5 9	4 51
September	4 47	4 29	4 11	3 53	3 35	3 17	
October	2 59	2 41	2 22	2 4	1 45	1 26	1 6
November	1 3	0 43	0 23	0A 2	11A 41	11A 20	A
December	10A 59	10A 37	10A 16	9 54	9 31	9 9	8 47

## The Use of the TABLE.

**F**IND your Month (wherein you desire to know at what Time the *Pleiades* come to South) on the left Side of the Table, and the Day of the Month on the Head; and in the Angle, or Place of Meeting, you have the true Time set over against every Month, for every Day.

As for Example.

On the 11th Day of *January*, the Seven Stars come to South at 58 min. past 7 at Night, and *July* 21, at 27 min. past 7 in the Morning.

*Note*, M stands for Morning; A for Afternoon; and where there is no Letter, it is the same with the last preceding, &c.

*Note also*, These following fixed Stars, viz.

		H. M.	
The Bull's Eye	comes to S.	0 49	after the Seven Stars.
The great Dog		3 3	
The Lion's Heart		6 23	
Spica $\pi$	comes to S.	9 4	before the Seven Stars.
Cor $\mu$		11 12	
The Harp		9 1	

*A Table*

# P E A R S E, 1768.

*A Table shewing what two Days in the Year are of the same Length.*

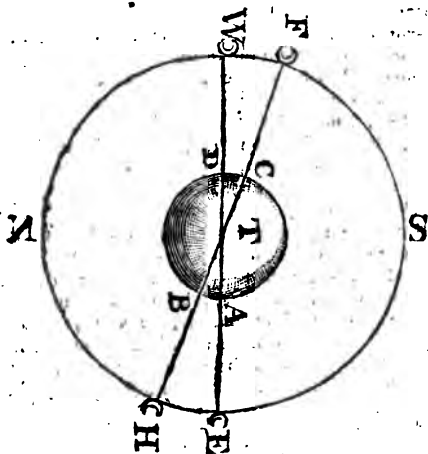
Trop. ☿	May	July	Ap.	Aug.	Mar.	Sep.	Feb.	Oct.	Jan.	Nov
June 21	22	22	20	23	20	23	16	25	13	28
20	22	21	23	19	24	19	24	15	12	29
19	23	20	24	18	25	18	25	14	11	30
18	24	19	25	17	26	17	26	13	10	
17	25	18	26	16	27	16	27	12	29	Jan. Dec.
16	26	17	27	15	28	15	28	11	30	1
15	27	16	28	14	29	14	29	10	31	2
14	28	15	29	13	30	13	30	9	N. 1	3
13	29	14	30	12	31	Mar. Oct.	8	7	6	4
12	30	13	31	11	10	12	6	5	5	5
June 11	1	12	10	9	11	11	5	4	4	6
10	2	11	9	8	10	10	4	3	3	7
9	3	10	8	7	9	9	3	2	2	8
8	4	9	7	6	8	8	2	1	1	9
7	5	8	6	5	7	7	1	Jan. 6	Dec. 31	10
6	6	7	5	4	6	6	31	10	30	11
5	7	6	4	3	5	5	30	11	29	12
4	8	5	3	2	4	4	29	12	28	13
3	9	4	2	1	3	3	28	13	27	14
2	10	3	1	Mar. 31	11	12	27	14	26	15
1	11	2	12	Sep. 30	10	11	26	15	25	16
May 31	12	1	13	29	9	10	25	16	24	17
30	13	2	14	28	8	9	24	17	23	18
29	14	3	15	27	7	8	23	18	22	19
28	15	4	16	26	6	7	22	19	21	20
27	16	5	17	25	5	6	21	20	20	21
26	17	6	18	24	4	5	20	21	19	22
25	18	7	19	23	3	4	19	22	18	23
24	19	8	20	22	2	3	18	23	17	24
23	20	9	21	21	1	2	17	24	16	25
22	21	10	22	20	31	1	16	25	15	26
		11	23	19	30	31	15	26	14	27
		12	24	18	29	30	14	27		
		13	25	17	28	29	13	28		
		14	26	16	27	28	12	29		
		15	27	15	26	27	11	30		
		16	28	14	25	26	10	31		
		17	29	13	24	25	9			
		18	30	12	23	24	8			
		19	31	11	22	23	7			
		20		10	21	22	6			
		21		9	20	21	5			
		22		8	19	20	4			
		23		7	18	19	3			
		24		6	17	18	2			
		25		5	16	17	1			
		26		4	15	16	31			
		27		3	14	15	30			
		28		2	13	14	29			
		29		1	12	13	28			
		30		31	11	12	27			
		31		30	10	11	26			
				29	9	10	25			
				28	8	9	24			
				27	7	8	23			
				26	6	7	22			
				25	5	6	21			
				24	4	5	20			
				23	3	4	19			
				22	2	3	18			
				21	1	2	17			
				20	31	1	16			
				19	30	31	15			
				18	29	30	14			
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				10	21	22	6			
				9	20	21	5			
				8	19	20	4			
				7	18	19	3			
				6	17	18	2			
				5	16	17	1			
				4	15	16	31			
				3	14	15	30			
				2	13	14	29			
				1	12	13	28			
				31	11	12	27			
				30	10	11	26			
				29	9	10	25			
				28	8	9	24			
				27	7	8	23			
				26	6	7	22			
				25	5	6	21			
				24	4	5	20			
				23	3	4	19			
				22	2	3	18			
				21	1	2	17			
				20	31	1	16			
				19	30	31	15			
				18	29	30	14			
				17	28	29	13			
				16	27	28	12			
				15	26	27	11			
				14	25	26	10			
				13	24	25	9			
				12	23	24	8			
				11	22	23	7			
				10	21	22	6			
				9	20	21	5			
				8	19	20	4			
				7	18	19	3			
				6	17	18	2			
				5	16	17	1			
				4	15	16	31			
				3	14	15	30			
				2	13	14	29			
				1	12	13	28			
				31	11	12	27			
				30	10	11	26			
				29	9	10	25			
				28	8	9	24			
				27	7	8	23			
				26	6	7	22			
				25	5	6	21			
				24	4	5	20			
				23	3	4	19			
				22	2	3	18			
				21	1	2	17			
				20	31	1	16			
				19	30	31	15			
				18	29	30	14			
				17	28	29	13			
				16	27	28	12			
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				12	23	24	8			
				11	22	23	7			
				10	21	22	6			
				9	20	21	5			
				8	19	20	4			
				7	18	19	3			
				6	17	18	2			
				5	16	17	1			
				4	15	16	31			
				3	14	15	30			
				2	13	14	29			
				1	12	13	28			
				31	11	12	27			
				30	10	11	26			
				29	9	10	25			
				28	8	9	24			
				27	7	8	23			
				26	6	7	22			
				25	5	6	21			
				24	4	5	20			
				23	3	4	19			
				22	2	3	18			
				21	1	2	17			
				20	31	1	16			
				19	30	31	15			
				18	29	30	14			
				17	28	29	13			
				16	27	28	12			
				15	26	27	11			
				14	25	26	10			
				13	24	25	9			
				12	23	24	8			
				11	22	23	7			
				10	21	22	6			
				9	20	21	5			
				8	19	20	4			
				7	18	19	3			
				6	17	18	2			
				5	16	17	1			
				4	15	16	31			
				3	14	15	30			
				2	13	14	29			
				1	12	13	28			
				31	11	12	27			
				30	10	11	26			
				29	9	10	25			
				28	8	9	24			
				27	7	8	23			
				26	6	7	22			
				25	5	6	21			
				24	4	5	20			
				23	3	4	19			
				22	2	3	18			
				21	1	2	17			
				20	31	1	16			
				19	30	31	15			
				18	29	30	14			

# PEARSE, 1768.

east, every day, about 13 degrees and 10 minutes. How comes it then to appear to do thus? By reason of the daily motion of the earth about its own axis, from west to east, once in 24 hours; which maketh the sun, moon, and the heavenly bodies appear to move the contrary way, from east to west, in the same time.

Pray why do we see the moon rise and set above an hour later every day than another?

(See Mr. Martin's Philosophical Grammar) I shall make this easy to be conceived: Thus, suppose T to be the globe of the earth, WSEN the orb of the moon: Let A D represent the horizon; in which let the moon be on any day at her rising and setting in E and W. Now, because the moon moves every day about  $13^{\circ} 10'$  from west to east, let that distance be represented in the moon's orb, by W F and E H; therefore, at the same time in the following day, the moon will be under the horizon at H at her rising, and above the horizon at F at her setting; Therefore, the surface of the earth must turn from A to B, and from D to C, before the moon will be again in the horizon at her rising or setting; which motion from A to B, or from D to C, takes up about 48 minutes more or less. See Newton Princip. lib. III. Gregory's, Whiston's, and Keill's astronomy; also Mr. Leadbetter's books of astronomy.



See it demonstrated in this diagram. You may perfectly understand the meaning of this phenomenon. The moon hath another



other motion : She revolves about her own axis just in the same time she performs one revolution about the earth, viz. in 27 days, 7 hours, and 43 minutes ; because, at the same times, we always see the same face or side of the moon ; but this could not happen, unless a proper motion about its axis turned every day just so much of the moon's body to the earth, as her periodical motion turns from it. This must be a wonderful harmony and correspondence of motions. But, what is the form of the moon's orbit ?

The moon's orbit is elliptical, but is perpetually changing, and never continueth the same species, or of the same figure. The causes of the inequalities of the motions of the moon, and the form of her orbit, are the different attractions of the sun and earth, the eccentricity of her orb, and the obliquity of the axis of her daily motion. We agree the moon receives all the light she shines with from the sun, and, by reflection, conveys it to us in the sun's absence.

The reason why some parts of the moon's face look dark, and the others light.

The bright parts of the moon's body are the more eminent parts of land which reflect the light of the sun, as hills, mountains, promontories, islands, &c. and the dark parts of the moon are thought to be seas, lakes, rivers, fens, &c. by some ; and, by others, they are said to be shaded valleys, caverns, pits, &c. but, in truth, they represent both water and land with shaded places ; for, neither of these reflecting lights, they must appear dark, and not bright.

We suppose the moon to be inhabited, I find ? I have heard there are some of that opinion. To what end else can serve the distribution of land and water, mountains and valleys, caverns, pits, &c. Besides, an atmosphere of air, and thereby winds, clouds, rains, and other meteors of consequence, has been lately discovered about it : No doubt but they serve the purposes there, as here, to nourish and sustain men, beasts, and vegetables. They who would see the manner of measuring a lunar mountain, may consult Mr. Derham's *Astro-Theol.* Book V. Chap. 2.

### *Of URANOLOGY, or the Doctrine of the HEAVENLY BODIES.*

THE meaning of the word uranology ; it is of a Greek original, and it signifies a discourse or treatise of it or heavenly regions, and bodies therein.

# PEARSE, 1768.

We do call the heavens, or heavenly regions, those regions or fields of æther which lie all round us, about the atmosphere, in which are situated all the shining bodies, the sun, planets, comets, and stars, and wherein they perform all their motions. It will be proper for us to begin our conversation on these celestial subjects. We will first begin with heliography: By heliography is to be understood a philosophical description of the sun.

Well, it seems congruous to begin with what you make the center of our system, as we call it: The sun is a huge body of light or fire; whence all the other planets receive their lights, and, by whose emanations of rays and beams of light, the whole system of beings about us are illuminated and made visible. We cannot tell any thing of the sun's bulk. The diameter of the sun is computed to be 822,148 English miles, and its bulk or solid content at about 100000, or a million of times greater than the globe of our earth. A stupendous magnitude! and we do suppose it to be all fire; and therefore some have thought it to be the place of hell. The density or thickness of the sun is to the density of Saturn as 100 to 67; to the density or thickness of Jupiter, as 100 to 94  $\frac{1}{2}$ ; and to the density of our earth as 100 to 400, or as 1 to 4; and therefore the fire of the sun must be prodigiously intense, yea, almost solid; the light and heat must be inconceivably great near the sun's surface; yes, great indeed. Sir Isaac Newton saith the sun's light and heat, at the distance of the body of Mercury, is seven times as great as the greatest with us; and therefore our water there would be for ever boiling hot, till it was all evaporated and boiled away.

## ECLIPSES in this Year 1768.

**T**HERE will be six eclipses this year: Three of the sun and three of the moon; but those of the moon only will be visible to the inhabitants of our horizon in Great Britain.

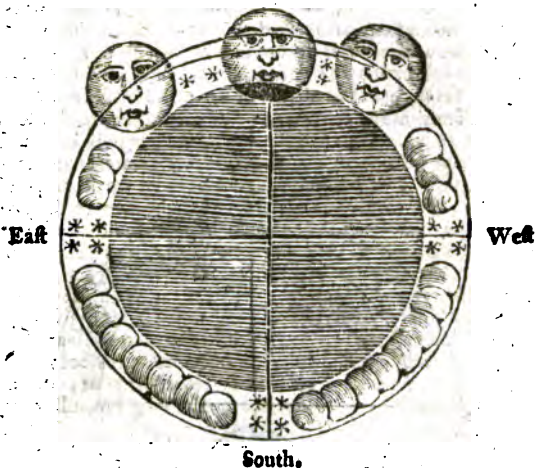
The first is a partial and a visible eclipse of the moon, on Monday, being the fourth day of January, which will be seen at Stamford, if the air be clear, in the morning; and may be expected to be agreeable to the following type and calculation:

		h.	m.	s.
The beginning the fourth day at	_____	3	16	57
The ecliptical opposition	_____	4	18	29
Middle of the eclipse	_____	4	25	49
End of the eclipse	_____	5	34	41
Duration	_____	2	17	44
	_____	6	1	0
	_____	4	43	0

The

# P E A R S E, 1768.

The semidiameter of the earth's shadow	—	40	47
Semidiameter of the moon	—	15	39
Latitude of the ☽ at the begin. north declination		47	29
Latitude of the ☽ at the middle of the eclipse		44	7
Latitude of the moon at the end of the eclipse	—	40	50



The second eclipse is an invisible one of the sun, on Tuesday the nineteenth day of January, at 6 at night.

The third is a total eclipse of the moon, on Thursday the 30th day of June, in the morning; as it is but partly visible in the island of Great Britain, by reason the moon will set totally eclipsed some few minutes after the middle of the eclipse, it may be expected to correspond with the following type and calculation:

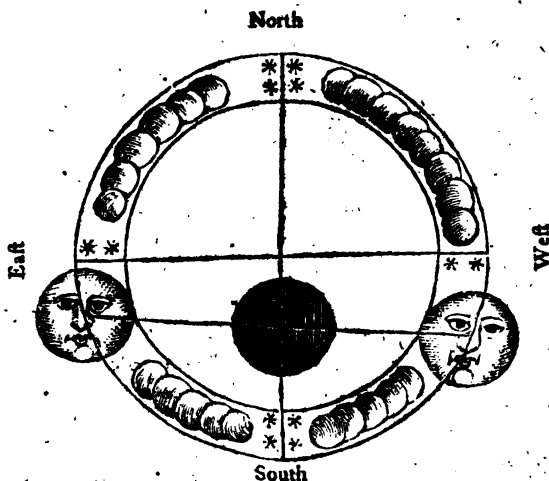
The

# PEARSE, 1768.

	d.	h.	"	
The beginning of the eclipse at Stamford	30	2	6	18
The total immersion at	—	3	15	18
Middle of the eclipse	—	3	43	36
The beginning of the emersion	—	4	21	54
Continuance of eclipse in the shade	—	0	56	36
The end of the eclipse	—	5	26	54
Duration of the eclipse	—	3	44	0
Digits eclipsed	—	13	44	0
Semidiameter of the earth's shadow	—	0	40	39
And the semidiameter of the moon	—	0	15	32
Latitude of the moon at the beginning	—	0	24	44
Latitude of the $\text{D}$ at the middle of the eclipse	—	0	20	38
Latitude of the moon at the end	—	0	14	54

App.  
time.

South  
dec.



The fourth is an eclipse of the sun, on Friday the fourteenth day of July, at two in the morning; therefore cannot be visible to the inhabitants of Great Britain, and so we shall make no further remarks thereof.

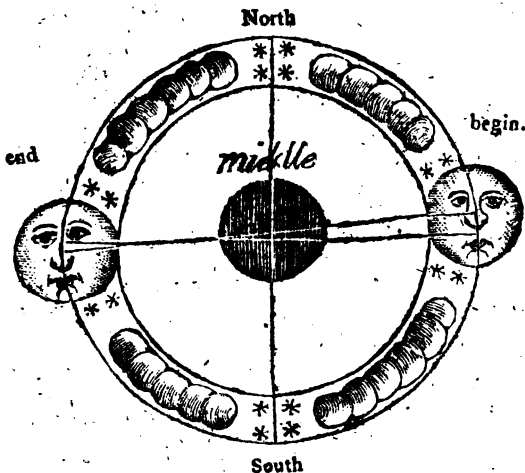
The fifth is also an eclipse of the great luminary the sun, on Friday the 9th day of December, at 9 o'clock in the morning; but invisible to us by reason of the luminary's great distance from the node, and the moon's great south latitude.

and last is a very great visible and total eclipse of the moon;

# PEARSE, 1768.

moon; but only the latter end will be seen in Great Britain, by reason the moon will not rise till half an hour after the middle of the eclipse, the moon then rising totally eclipsed, which will happen on Friday the 23d day of December, according to the following calculation and type:

		h.	m.	s.	
The beginning at Stamford	—	1	22	11	} Appar. time.
Total immersion at	— — —	2	20	13	
Eclipse opposition	— — —	3	8	8	
Middle of the eclipse	— — —	3	8	28	
Time of the D's rising	— — —	3	40	0	
Beginning of the emerhon	— — —	3	56	43	
End of the eclipse	— — —	4	54	45	
Continuance in the shadow	— — —	1	36	30	
Time deficient after the moon's rising	— — —	0	16	43	
Duration of the eclipse after the D's rising	— — —	1	14	45	
Whole duration	— . . —	3	32	34	} North declin.
		0			
Digits eclipsed	— — —	20	46	0	
Semidiameter of the earth's shadow	— — —	0	44	4	
Semidiameter of the moon's shadow	— — —	0	16	24	
Latitude of the D at the beginning	— — —	0	9	22	
Latitude of the D at the middle	— — —	0	3	42	
Latitude of the D at the end	— — —	0	1	57	



PEARSE, 1768.

OF COSMOLOGY in general.

*Of the Mundane Space of Duration of Time.*

**W**HY do you call the second grand division of the science of nature cosmology? On account of the propriety of the original sense of the word; it implies a philosophical or physiological discourse of the world, or the universe in general. In this manner or order, then, we do design to proceed in taking this general view or survey of the universe: In the first place to observe the order and constitution of it, so far as it is known. Secondly, we will take some notice of the mundane space, in which the various parts or bodies of the universe do consist, and are posited here and there. Thirdly, we shall discourse a little of the nature of duration or time, whereby the motions of all the bodies in the universe are measured. We do first observe, in the general constitution or frame, the first great phenomenon of the universe, which more eminently strikes our senses, is that glorious luminary we call the sun, the source of light, and center of our planetary system, or about which the chorus of all the planets move.

We suppose the sun to be the center of the planets motions, and not a moving planet itself: The sun is in the center of our system around which the primary planets move.

How many are those which we do call planets? They are in number six, and their names are Mercury, Venus, the Earth, Mars, Jupiter, and Saturn; these, in different stated periods of time, all revolve about the sun in their order. The moon was not mentioned amongst the planets, and how came we to make a planet of this earth in her stead?

I am taught by the modern physiology so to do. It is very certain the earth is a planet, and moves about the sun with the rest: And, as to the moon, I do not say she is not a planet, but not a primary or principal one. There are different kinds of planets, viz. there are some very great and large ones which regard the sun as the center of their motions; these are called primary planets, and are those before named. Again, there are other lesser ones called satellites, or attendants, which circulate round some primary planets as their center; these are termed secondary planets, and such an one is the moon to the earth.

F I N I S.

Poor Robin. 1768.

A N  
ALMANACK

Written after the OLD but made according to the  
NEW FASHION ;

O R,

An EPHEMERIS of the very latest and newest  
of all the Editions.

Wherein the Reader (if he can but Read) may find  
(By ASTRONOMICAL and ASTROLOGICAL Gim-  
cracks, and a Pair of UNDERSTANDING  
SPECTACLES)

Abundance of very useful and entertaining Matters  
and Things, not to be found in any other Almanack.

Containing a Double Calendar.

*Viz.* The good, new, honest, true *English* Account  
together with a fantastical Account of sorry Saints, and sad  
Sinners ; with several momentous Matters, from the  
Beginning of January till the latter End of December.

Being the One Hundred and Sixth EDITION,  
and the Sixteenth Year of the New Style in Old England,  
and also happens to be the BISSEXTILE otherwise called  
LEAP-YEAR.

Written by Sir POOR ROBIN, Knight of the  
BURNT-ISLAND ; a well-wisher to every honest  
Man ; and also to the MATHEMATICS.

Should I pretend to mount the Skies, as some,  
Or could I touch the Planets as they run ;  
And *Icarus* Wings for my Assistance get,  
(And keep them safe from *Titan's* burning Heat)  
Or could I conjure ; and like Doctor *Sea* ;  
Foretell the *Weather* (rhyming without Reason) :  
Then might I tell you what the *Stars* portend ;  
Who they will plague, and whom they will befriend.

L O N D O N :

Printed for the Company of STATIONERS, MDCCLXVIII.

[Price Nine-pence fitch'd.]

# — D E D I C A T I O N .

Unto the WORLD I at this Time  
Do ded cate this Book of mine.

MOST MIGHTY WORLD!

**T**HOU canst not imagine with what inexpressible satisfaction I have the honor to serve THEE and *Myself* year after year ; how pleasing it is to any *Author* to see THEE smile upon his productions ! I have had the honor of being conversant with THEE a great many years, and (without *Flattery*) must freely own that Thou wantest mending very much ; Thou art the honest man's enemy ; but nevertheless a natural temptation, and a desirable calamity : for there is scarce a man to be found who has known Thee Forty years together (i. e. one year after another to make up that number) but all with one consent do very justly complain of thy cruelties.

I know that for making myself so free, I shall have many carpers and detractors ; but the more the better—they will be on thy side—*Poor Robin* will still be on *his own*—I dare say somebody will be on my side too, so far as *Nine Pence* will go, to buy *Poor Robin's poor Almanack*, in order to pick something out of it, either to carp, or laugh at, just as they please : for I know (by the stars) that it will sell (if any body will buy it) because my friends and acquaintance (and of them I have plenty) will buy it for *mine*, and their *own* sakes, which *last* has a very powerful influence : the pleasant facetious man, will buy it for mirth's sake ; the disconsolate man to drive away melancholy ; and my honest countryman for *his* use ; as will the gentleman and scholar for his diversion ; when it has thus served them all, and all these good purposes are answered before it leaves THEE, O WORLD ! it is like enough to be of the most *necessary* service at the last of all, when it shall go hence and be no more seen ; thus having served out its appointed time, must disappear to make room for its successor to come in its turn : and thus it is with respect to the greatest comforts a contemptible *World* can possibly afford us. How ridiculous then must that man appear, who makes himself and others miserable to make himself great, and seeks the contempt of the wise, that he may get the admiration of fools ! However, as it is out of the power of *Poor Robin* to reform Thee, he can only wish that this year may produce some alteration for the better, and then he will be much better pleased with Thee, than ever he was before, since his Name was

Honest *Poor Robin*.



# A TABLE of all the **KINGS** and **QUEENS** of Eng- land, since the **CONQUEST** in 1066.

<i>Names of Kings.</i>	<i>Born Ann.</i>	<i>When Began to reign.</i>	<i>Reign. Y. M.</i>	<i>Since their Reign ended.</i>	<i>Buried at.</i>
William 1	1027	1066, Octob. 14	20 11	1087, Septem. 9	Caen Nor.
William 2	1057	1087, Sept. 9	12 11	1087, August 2	Winchest.
Henry 1	1068	1100, Aug. 2	35 4	1082, Decemb. 1	Reading
Stephen	1105	1135, Dec. 1	18 11	1133, Octob. 25	Feverham.

## The Saxon Line restored.

Henry 2	1133	1134, Octo. 25	35 9	1158, July 6	Fouenteve
Richard 1	1136	1189, July 6	9 9	1158, April 6	Fountever
John	1165	1199, April 6	17 6	1151, Octob. 19	Worcester
Henry 3	1207	1216, Octo. 19	56 2	1195, Nov. 16	Westmin.
Edward 1	1239	1272, Nov. 16	34 8	1160, July 7	Westmin.
Edward 2	1284	1307, July 7	19 7	1140, Jan. 25	Gloucester
Edward 3	1312	1327, Jan. 25	50 5	1190, June 21	Westmin.
Richard 2	1366	1377, June 21	28 3	1168, Sept. 29	Westmin.

## The Line of Lancaster.

Henry 4	1367	1399, Sept. 29	13 6	1354, March 20	Canterb.
Henry 5	1389	1413, Mar. 20	9 5	1345, August 31	Westmin
Henry 6	1421	1422, Aug. 31	38 6	1306, March 4	Windfor

## The Line of York.

Edward 4	1442	1461, Mar. 4	15 1	1284, April 9	Winchest
Edward 5	1471	1483, April 9	0 1	1284, June 18	Unknown
Richard 3	1453	1483, June 18	2 2	1282, Aug. 22	Leicester.

## The Families united.

Henry 7	1455	1485, Aug. 22	23 6	1258, April 22	Westmin
Henry 8	1491	1509, April 22	37 10	1220, Jan. 28	Windfor
Edward 6	1537	1547, Jan. 28	16 5	1214, July 6	Westmin
Qu. Mary	1516	1553, June 6	5 4	1209, Nov. 17	Westmin
Qu. Eliz.	1533	1558, Nov. 17	44 4	1164, March 24	Westmin

## Two Kingdoms united.

James 1	1566	1603, Mar. 24	22 0	142, March 27	Westmin
Charles 1	1600	1625, Mar. 27	23 10	118, Jan. 30	Windfor
Charles 2	1630	1649, Jan. 30	36 0	82, Februar. 6	Westmin.
James 2	1633	1685, Feb. 6	4 0	78, Febr. 13	S. German
WILL. & M.	1650	1689, Feb. 13	13 1	65, March 8	Westmin
Mary 2	1662	1689, Feb. 13	5 10	73, Decem. 28	Westmin
Anne	1665	1702, Mar. 8	12 5	53, August 1	Westmin
George 1	1660	1714, Aug. 1	12 10	40, June 11	Hanover.
George 2	1683	1727, June 11	33 4	7, Oct. 25	Westmin
George 3	1738	1760, Oct. 25	Whom	6 G.D. grant long to reign	

G. D. bless our gracious **SOV. reigns**, **KING** and **QUEEN**;  
May they in **Health**, **Wealth**, **Peace**, and **Plenty** reign;  
And, may their **Royal Issue** long abide  
*Great-Britain's* **Safeguards**, and **OLD ENGLAND's** **Pride**.

he generality of BAKERS being so extremely prone to Honesty, that it is out-of the Power of *Mazistracy* to make them *more so*; POOR ROBIN chooses to omit *their* old-fashioned Table, as he thinks it of but little Use: instead whereof, for the Reader's new fashioned Amusement, gives him the following TABLE, shewing by Inspection, not only which Days in the Year are of about the same Length, but the Length of each Day in the Year; as near as he possibly can.

Jan.	Dec.	Feb.	Nov.	Mar.	Oct.	Apr.	Sept.	May.	Aug.	June	July
1 VII. 10	1	8	9	4	6	9	4	8	5	4	8
2 53	9	2	12	8	5	10	8	5	12	7	6
3 55	8	3	16	7	8	14	7	6	16	6	7
4 57	7	4	20	6	7	18	6	7	20	5	8
5 59	6	5	24	5	8	22	5	8	24	4	9
6 VIII. 5	6	27	4	9	26	4	9	28	3	10	19
7 2	4	7	30	3	10	30	3	10	32	2	11
8 4	3	8	34	2	11	34	2	11	36	1	12
9 6	2	9	38	1	12	38	1	12	Aug.	31	13
10 8	1	10	Oct.	3	13	Sept.	30	13	42	30	14
1 Nov. 30	11	44	30	14	46	29	14	46	29	15	34
2 12	29	12	48	29	15	50	28	15	50	28	36
3 14	28	3	52	28	16	53	27	16	54	27	17
4 16	27	14	56	27	17	55	26	17	58	26	18
5 18	26	15	X.	26	18	57	25	18	XIV.	25	19
6 20	25	16	4	25	19	59	24	19	6	24	20
7 22	24	17	8	24	20	XII.	23	20	10	23	21
8 24	23	18	12	23	21	6	22	21	14	22	22
9 28	22	19	16	22	22	10	21	22	18	21	23
10 31	21	20	20	21	23	13	20	23	22	20	24
1 34	20	21	24	20	24	17	19	24	24	19	25
2 36	19	22	28	19	25	23	18	25	28	18	26
3 39	18	23	32	18	26	27	17	26	32	17	27
4 42	17	24	36	17	27	30	16	27	36	16	28
5 46	16	25	40	16	28	40	15	28	40	15	29
6 50	15	26	44	15	29	44	14	29	43	14	30
7 53	14	27	47	14	30	48	13	30	46	13	31
8 56	13	28	50	13	31	53	12	1	May	12	1
9 IX. 12	1	Mar.	12	1	Apr.	11	2	54	11	2	16
10 3	11	2	58	11	XIII.	10	3	56	10	3	18
1 6	10	3	XI.	10	3	4	9	4	XV.	9	4
										20	9

The Use of this Table being as plain as the *Nose* on your Face if you have but *Eyes*, and can count upwards as well as downwards, you may see, as well as I, that *April* the 15th, and *August* the 28th, are nearly the same Length, viz. XIII Hours and 50 Minutes long; and so of all the rest.

**B**Y virtue of an Act, made in 1751, for Alteration of the Style, the Beginning of the Year was changed from the 25th of *March* to the 1st of *January*, which Change took Place on the 1st of *Jan.* 1752.

In Consequence of the same Act of Parliament, the Use of the *Julian* Account, or Old Style, heretofore followed in this Country, ceased on the second of *September* of the same Year 1752; and by dropping or leaving out eleven nominal Days, and calling the next, which would have been the third, the fourteenth, the New Style took Place: and from thence, by the said Act, is directed to be used for all Time to come, in all his Majesty's Dominions subject to the Crown of *Great Britain*. By this Alteration, the several Fixed or Immoveable Feasts, as they are ordered to be placed in the New Calendar upon the same nominal Days of the respective Months as they were placed upon in the Old, will come 11 Days earlier than they would otherwise have done, and thereby make all Things depending upon them, such as the Opening or Inclosing of Common Fields and Pastures, the Holding of Fairs and Markets, the Payments of Rents and Annuities, and the Commencement or Extinction of many private Rights and Matters of Property, do the same: To prevent therefore any Inconvenience arising therefrom, the Act provides and directs, That the Opening or Inclosing of Pastures, the Payments of Rents, Annuities, and all other Things depending on the Fixed or Immoveable Feasts, shall not by this means be accelerated or forwarded, but that the Days of Opening or Shutting such Pastures, of Paying such Rents or Annuities, and of doing all such other Matters and Things formerly to be done and performed on the said Feasts, shall be Kept, Observed, and Performed, on the same natural Days of the Year on which the said Feasts would have fallen, if this Act had not been made. For this Reason the 5th of *April* is called *Old Lady-Day*, and the 10th of *October* *Old Michaelmas-Day*, and so of the rest, as being the respective Days on which all such Rents and Payments become due, such Rights take Place, and such Matters and Things to be done, and not before. And that is here said relates to the several Things above-mentioned, depending on Fixed or Immoveable Feasts; but all such as depend on Moveable Feasts or on Days depending on them, are to take Place, and be reckoned according to the New Calendar, in pursuance of an Act of Parliament of the Year 1752, for amending the former Act of the Year 1751.

*N. B.* That all Dates of Births, Deaths, or other remarkable Events, in the Regal or Chronological Tables, prior to, or upon, the second of *September* 1752, are to be understood according to the *Julian* Account, or Old Style; but after that Time, the annual Returns of them are placed in the Calendar Part of the Almanack, according to the New Style, Eleven nominal Days later.

# **FEBRUARY** hath xxix Days. P. Robin.

Full Moon the 20 Day at half past 4 at Night.  
 1st Quarter the 11th Day at half past Midnight.  
 New Moon the 18th Day at 6 in Morning.  
 3rd Quarter the 24th Day at 9 at Night.

W D	Sund. St. Days Terms, &c.	D rise & sets.	Good and useful Direc. of sev Sor. for such as will mind them
	Bridget.	6 M 39	
	Purif. B. V. M.	D Rise	While others ask for wealth or state,
	Blaze, B. & M.	5 A 38	Think to be happy's to be great, And vainly swell with pride:
	Veronica.	6 50	Give me, ye Gods! I ask no more,
	Agatha, Sic. V.	7 58	Of riches a sufficient store,
	Dorothy.	9 12	T'enjoy my fire-side.
C	Sexag. Sunday	10 22	Let TEMPERANCE my Butler wait
	D. incr. space.	11 31	PRUDENCE stand Porter at my gate
	Appollonia.	Morn.	With CHARITY ally'd;
	Days increased	0 44	A FRIEND to chat away an hour.
	about 2 hours.	1 53	And cheat old Time's increasing power,
	Term ends.	2 59	By a happy fire-side.
	Old Cand. Day.	3 5	Let smiling Delia too be there.
C	Shrove Sunday	4 48	(No friend so pleasing as the Fair) With tenderness supply'd;
	Faustinus.	5 28	How sweet! where no domestic strife,
	Constance.	5 57	The faithful husband, gentle wife,
	Ash Wednes.	6 21	By a happy fire-side.
	Cl. and Wat.	D sets.	My Offspring (if such heav'n permit)
	14 m. too fast.	7 A 19	In smiling innocence to sit, My pleasure, and my pride;
	Mildred.	8 47	While in each infant's glowing face,
O	1 Sun. in Lent	0 17	Their mother's sweetness all trace, By a happy fire-side.
	Peter's Chair.	11 45	Let malice shoot her poison'd darts,
	Polycarp. Fast.	Morn.	While mutual love entwines our hearts;
	St. Matthias.	1 5	No slander shall divide:
	Victoria.	2 18	Thro' life I'll steal without a sigh,
	Ember Week.	3 19	Our love shall ev'ry wish supply,
	Augustine.	4 9	By a happy fire-side.
B	2 Sun. in Lent.	4 44	
	Long Birth-d	5 10	

# 1768. Observations for FEBRUARY

M Day-fig.  
D begins.

Still *Flora* in her Mother's Womb doth hide  
Herself; because not able to abide  
Bleak *Boreas* Blasts, and therefore in the Earth,  
Keeps yet entomb'd, till Spring renews her Birth.

1 5 30  
6 5 22  
11 5 14  
16 5 6  
21 4 57  
26 4 48

O	N	Sorry Saints, and	Sun	Sun	Observ. about severa
S	S	sad Sinners.	rif.	fett.	weighty Mat. & Things
1	21	Damaris Page.	7	26	4 34
2	22	Jane Shore.	7	24	1 36
3	23	A glass of Rum, I	7	23	1 37
4	24	bold it good;	7	21	1 39
5	25	When weather's	7	20	1 41
6	26	cold to warm the	7	18	1 43
7	27	blood.	7	16	1 45
8	28	Robin Hood.	7	14	1 47
9	29	Little John.	7	13	1 49
10	30	15 Forresters.	7	11	1 50
11	31	Now is the Time,	7	9	1 52
12		To make, and draw	7	8	1 53
13		thy Valentine.	7	6	1 55
14	3	Paring Lovers.	7	5	1 56
15	4	Who throws at	7	4	1 57
16	5	cocks (without a		2	1 59
17	6	joke)	7	0	1
18	7	Deserves to have bi-	6	58	5 3
19	8	own skins broke.		56	5 5
20	9	Blinking Peggy	5	53	5 7
21	10	Ben Taylor.	5	52	5 9
22	11	Salt Fish and Eggs	5	49	5 11
23	12	are now good diet,		47	5 14
24	13	To keep an hungry		45	5 16
25	14	stomach quiet;	6	43	5 18
26	15	But if you cannot	6	41	5 20
27	16	get that food;	5	39	5 22
28	17	There's many other	5	37	5 24
29	18	things as good.	6	35	5 26

affluence sets them above  
knowing what the real  
want of money is, are sure  
to be the very first in op-  
pressing others, endeavour-  
ing to add misery to fami-  
lies where they see poverty  
predominant, and render  
the poor still more and  
more distressed. Who is it  
that can, with any tolera-  
ble degree of Christian pa-  
tience, see an old, fat, lazy,  
purbblind Vicar, who never  
had courage enough to mar-  
ry, through fear of the ex-  
pence attending that holy  
state; and who cannot find  
a right heir in the world to  
enjoy the wealth his sordid  
soul has accumulated toge-  
ther, when he is forced to  
leave his dirty earthly god:  
I say, who can bear it, to see  
the greedy wretch, instead  
of assisting the necessitous  
poor, exact the utmost far-  
thing of what he calls his  
Dues, even from the poorest  
of his parishoners! Would  
not one think it beneath  
such a Gentleman's-Cloak  
to run about his parish, day  
after day, with a basket or  
his arm, gathering tythes

# MARCH hath xxxi Days. P. Robin.

Full Moon the 3d Day at 70 Min. past 2 Afternoon.

Last Quarter the 11th Day at 10 Min. past 6 at Night.

New Moon the 18th Day at 4 in the Afternoon.

First Quarter the 25th Day at 8 in the Morning.

1 d	David, A. & M.	5	M 32	Young Damon, a merry gay lad of
2 e	Chad. B.	5	47	the yale,
3 f	Days incr. alm	5	rises	To Nancy did often times go;
4 g	4 hours.	7	A 1	Declaring his passion in many a love
5 a	Prs. of Hesse b.	8	8	tale,
6 B	3 Sun. in Lent.	9	21	But-always her answer was No.
7 c	Perpetua Mau.	10	30	To maters of love young Nancy
8 d	Felix, Bishop.	11	40	was strange,
9 e	40 Martyrs.	Morn.		Whenever he on her did call;
10 f	Day 11h. 32m.	0	48	She bid him to some other fair
11 g	D. br. 21 m. p. 4.	1	49	maiden range, [at all.
12 a	Greg. M. B.	2	41	For she ne'er would be marry'd
13 B	Mid. Lent Sun.	3	26	All Damon's endeavours appear'd to
14 c	Leo, Bishop.	4	1	be vain, [tear:
15 d	Longinus.	4	25	Which melted him down to a
16 e	Boniface.	4	46	But thinking — a project popt into
17 f	Gertrude.	5	7	his brain,
18 g	Edw. K. W. S.	5	sets.	Asfishing 'twixt hope and despair.
19 a	Prs. Louis labor.	7	A 51	He told her (in short) he wou'd see
20 B	5 Sun. in Lent.	9	20	her no more,
21 c	Benedict, Ab.	10	48	For over the ocean he'd steer:
22 d	Paulinus.	Morn		With Hawk he would quit Old
23 e	Castilus.	0	35	England's safe shore,
24 f	Zacharias. Fast.	1	16	And battle with haughty <i>Monsieur</i> .
25 g	Lady Day.	2	7	Thus boldly he'd venture, like Tro-
26 a	Castor Mart.	2	48	jan or Greek. [chair:
27 B	Palm Sunday.	3	18	While she might sit still in her
28 c	Dorothy.	3	4	Like soldiers and heroes for plunder
29 d	Marcian.	3	59	he'd seek,
30 e	Eustathius.	4	15	Duke of York born 1739.
31 f	Cl. 4 m. too f.	4	27	And for arms himself he'd prepare!
				So farewell dear Nancy, for ever adieu,
				I, in a short time, will away:
				So going — young Nancy a moment
				withdrew, [say:
				Turn'd, and softly unto him did
				For she cou'd no longer deny the
				fond swain,
				But sealed her love with a kiss:
				And, as they together tripp'd over
				the plain,
				Her answer was YES, I will YES.

# 1768. Observations about MARCH. M Day-ly D. h. m.

Now comes the Time the Birds begin to sing  
Harmonious, to welcome in the Spring,  
And Phœbus hastning tow'ards the Northern Wain,  
Doth cause each Vegetive to grow again.

4	4	29
6	4	10
11	3	53
16	3	49
21	3	27
26	3	12

1	19	Welch Taff.	0	33	5	28	eggs, apples, &c. But let
2	20	Toasted Cheese.	6	31	5	30	us be as favourable as we
3	21	A feast in Wales	6	29	5	32	can in judging; and sup-
4	22	(great I profess)	6	27	5	34	pose it no fault at all in
5	23	Three hundred cook.	6	25	5	36	him; but a necessary con-
6	24	there was no less:	6	23	5	38	sequence of the position of
7	25	Yet there was nei-	6	21	5	40	the heavens at his nativity;
8	26	ther boil'd or roast,	6	19	5	42	well, this will do: but,
9	27	But each man did	6	17	5	44	God send us no more such
10	28	his own cheese toast.	6	15	5	46	reverence, born under such
11	29	Camberry Befs.	6	13	5	48	influence!
12	30	Thringston Tom.	6	11	5	50	Now, Reader, if all this
13	31	Maffinello.	6	10	5	51	be true,
14	1	Jolly Vicar Tom.	6	9	5	52	Even let the D——I have
15	2	Who loves the tyth	6	7	5	54	his due.
16	3	of Pigs and Geese,	6	5	5	56	This being Leap Year,
17	4	And all his parish	6	3	5	58	the pretty maids have it
18	5	strive to fleece.	6	1	5	60	now in their own right to
19	6	Kitty alone and I.	5	59	6	2	woo old batchelors; and
20	7	Devil of Mascon.	5	57	6	4	you found that about the
21	8	Gregory Clement.	5	54	5	6	middle of the last month
22	9	Fryar Bungey.	5	53	5	8	hissing came in season two
23	10	Timothy Tipsey.	5	51	5	10	days before pancakes, and
24	11	Who get their wealth	5	49	5	12	will hold on all the year
25	12	by means that's evil;	5	47	5	14	long, Lent itself not ex-
26	13	Give God no thanks,	5	45	5	16	cepted; and when that is
27	14	but serve the devil.	5	43	5	18	over comes in good feedin,
28	15	Ned Bandyleg.	5	41	5	20	English Roast Beef which
29	16	Nick Wood.	5	39	5	22	is as sure a foundation for
30	17	Jack Bradley.	5	37	5	24	English Bravery, as good
31	18	Kitty Fell.	5	35	5	26	claret can be of French
							(sprightliness: Courage, ho-
							nor, wit, and sense; nay
							even all arts and sciences,
							make their rise here; which,

# A P R I L hath xxx Days. P Robin.

Full Moon the 2d Day at 8 in the Morning.

Last Quarter the 10th Day at 8 in the Morning.

New Moon the 16th Day 30 Min. past Midnight.

First Quarter the 23d Day at 15 Min. past 9 at Night.

1 g	Good Friday.	4 M	41	
2 a	Maria.	D rises.		Now winte.'s gone, the earth hath
3 B	Easter Sunday.	8 A	27	loft
4 c	St. Ambrose, B.	9	34	Her snowy robes, no more the frost
5 d	O. Lady Day.	10	43	Candies the grafs, the trav'ler may
6 e	Vincent.	11	48	Ride fast and safely on his way :
7 f	Egesippus.	Morn.		The ploughmen mind their barley
8 g	Perpetuus.	0	43	sowing, [growing
9 a	Valerian.	1	28	The pease and beans are up and
10 B	1 S. after East	2	3	Each bush and shrub within the vale,
11 c	Leo.	2	32	And grove, sounds with the night-
12 d	Julian, Bishop.	2	54	ingale, [chorus.
13 e	Zenon.	3	14	All feather'd fngsters join the
14 f	Tiburtius.	3	34	To welcome spring (which lies be-
15 g	Clocks tr. time.	3	56	fore us).
16 a	Cyriacus.	D sets.		The naked trees get crisped heads,
17 B	2 S. after East	8 A	22	And new green coats adorn the mead :
18 c	Day 14 h. 2 m.	9	47	The cockow sings; her usual note,
19 d	Alphage, A. C.	11	4	And swallows build in chimney top :
20 e	Victor, Mar.	Morn.		The shepherds of rich flocks rehearse,
21 f	Simeon.	0	2	And to their pipes chant rural verse;
22 g	Sothar, Eman.	0	50	While lambkins do before them
23 a	St. George, M.	1	27	play,
24 B	3 S. after East	1	52	All nature smiles, and all is gay !
25 c	St. Mark, Ev	2	12	Earth changes hue, the waters sink.
26 d	Clote.	2	26	And gently glide within their brink ;
27 e	Erkenwold.	2	42	The witer to the spring bequeaths
28 f	Vitalis, M.	2	55	The rule of Time; Favonius breathe
29 g	Peter of Milan.	3	7	With gentle air; the balmy show'rs
30 a	Cather. Siena.	3	21	New deck the fragrant meads with
				flowers: [lap,
				Sol with bright rays warms Flora:
				And cheers the plants with rising
				sap;
				The earth is trimm'd in new array
				To welcome in the month of MAY.



1768. Observ. concerning APRIL. M D. Day-lig. begins.

With kindly Moisture now the Plants abound;  
The Herbs securely spring above the Ground:  
Mountains and Valleys, which were lately seen  
Russet and grey, look chearful now, and green.

1	2	54
6	2	39
11	2	22
16	2	4
21	1	44
26	1	20

1	21	All Fool's Day.	5	33	6	28	if it be true, I will take
2	22	Hewson Cobler.	5	31	6	30	upon me to declare our vul-
3	23	Fidling Nan.	5	29	6	32	gar saying, <i>that men have</i>
4	24	Harry Long Legs.	5	27	6	34	<i>their guts in their brains,</i> is
5	25	<i>If fool's do thrive</i>	5	25	6	36	a vulgar error, and should
6	26	<i>think't not amiss;</i>	5	23	6	38	be rectified, and that rather
7	27	<i>A poor wise man</i>	5	21	6	40	their brains are in their
8	28	<i>much better is:</i>	5	19	6	42	guts; and when we see
9	29	<i>That fools have</i>	5	17	6	44	some men less courageous,
10	30	<i>luck, and cuckold's</i>	5	15	6	46	witty, or learned, than
11	31	<i>fortune,</i>	5	13	6	48	others, we should pity their
12	Apr.	<i>Is an old Proverb</i>	5	11	6	50	bad stomachs, or indigestion,
13		<i>true and certain.</i>	5	9	6	52	rather than their incapacity,
14	3	Bully Dawson.	5	7	6	54	or indisposition of brain: I
15	4	<i>A lawyer sawcy,</i>	5	6	6	55	am so sensible of this, that
16	5	<i>proud, and pert,</i>	5	4	6	5	I have for many years dis-
17	6	<i>Is sure to make poor</i>	5	3	6	58	used, as an absurdity, that
18	7	<i>clients smart.</i>	5	1	7	0	saying to a simple fellow—
19	8	Conjurer Wright.	4	58	7	3	<i>God bless your head;</i> —but I
20	9	Doctor Season.	4	57	7	4	with him, with more pro-
21	10	Erra Pater.	4	55	7	6	priety, a good stomach, or
22	11	<i>Walk out and hear</i>	4	52	7	8	a better dinner.
23	12	<i>the cuckoo sing;</i>	4	53	7	10	I could here <i>chemico-me-</i>
24	13	<i>The welcome har-</i>	4	49	7	12	<i>chanically</i> resolve men's
25	14	<i>binger of spring.</i>	4	48	7	13	parts into their feeding, and
26	15	<i>And let her note</i>	4	46	7	15	shew what sort of humours
27	16	<i>give thee no pain,</i>	4	44	7	17	and genius must necessarily
28	17	<i>If they've don't once</i>	4	42	7	19	proceed from particular sorts
29	18	<i>they'll do't, again.</i>	4	41	7	20	of meats, and explain a
30	19	Hob in the Well.	4	39	7	23	great deal of the heathen

you

# M A Y hath xxxi Days. P. Robin.

Full Moon the 1st Day at 30 Min. past Midnight.

Last Quarter the 9th Day at 6 in the Afternoon.

New Moon the 16th Day at a Quarter past 8 Morn.

First Quarter the 23d Day at Noon.

Full Moon the 31st Day at 3 in the Afternoon.

1 B	4 S. after East.	D Rises	St. Phil. & Jac. May-D. y.
2 c	Athanasius.	8 A 41	The milkmaid o'er tripping the mead,
3 d	In. of the Crofs.	9 47	Now feels soft f nstations arise ;
4 e	Day 15 h. long.	10 50	While the clown, taught by nature,
5 f	In. 7 h. and $\frac{1}{2}$ .	11 37	can read
6 g	St. John, Evan.	Morn.	The language of love in her eyes.
7 a	Stanislaus.	0 15	See, spring her green mantle has spread,
8 B	Rogat. Sunday.	0 39	To receive a fond couple's embrace,
9 c	Greg. Naz.	1 3	While Molly, reclining her head,
10 d	Gordian.	1 24	Sees a snake <i>peeping out of the grass.</i>
11 e	Rogat. Week.	1 40	It is now nature's sisters are seen,
12 f	Holy Thursd.	1 55	From morn till the close of the day
13 g	Cl. 4 m. too fl.	2 10	You may find them on every green,
14 a	Ifidore.	2 32	And may hear them on every spray.
15 B	6 S. after Easter.	3 0	In Pairs see them fly o'er the hill.
16 c	Peregrine.	D sets.	Or skim thro' the vale that's below ;
17 d	Potentius.	9 A 51	'Tis now that they wantonly bll ;
18 e	Ellen, Queen.	10 48	'Tis the time they do lovingly coo.
19 f	Q. Ch. born.	11 34	Then do, pray dear Molly, believe
20 g	Urban.	11 58	This maxim the force of my love.
21 a	Sarah.	Morn.	" All the days of your life may you live !"
22 B	Whitsunday.	0 17	And may I leasure each moment in prove.
23 c	Monday.	0 34	If I meet not my Molly's disdain ;
24 d	Tuesday.	0 52	If she deems not my passion a joke,
25 e	Ember Week.	1 2	I'll smile like a Stoic at Pains,
26 f	August. Ar. C.	1 16	And the crutch of old age shall be broke.
27 g	Venerable Bede	1 28	[see ;
28 a	Cont. Twilight.	1 45	May you ne'er know the frowns of a
29 B	Trinity Sunday.	2 5	King Charles II. B. & Ret.
30 c	Vigan.	2 21	In a friend all things pleasing may find ;
31 d	Petronel.	D Rises	[shall throw And at last when his dart D at To your memory still I'll be kind.

# 1768. Observ. agreeable for MAY (M) Day-light (D) hours

This Month's the pleasantest in all the Year,  
For now the Groves new Liveries do wear:  
Each Tree a new green Perriwig puts on,  
And growing plants ope to the radiant Sun.

1	1	0
6	0	40
11	0	20
16	No real	
21	Night.	
26		

1	20	Milk Maids Day.	4	37	7	24	you were his <i>mess-fellows</i> ,
2	21	<i>If the first day wea-</i>	4	35	7	26	and sat at table with him
3	22	<i>ther be fair,</i>	4	34	7	27	Hence it is, we call a sub-
4	23	<i>Of sweethearts</i>	4	32	7	29	ject dry, a writer <i>insipid</i> ,
5	24	<i>you'll see many a</i>	4	30	7	31	notions <i>crude</i> and indigested,
6	25	<i>pair,</i>	4	29	7	32	a pamphlet empty or <i>bun-</i>
7	26	Cook Lorrell.	4	27	7	34	<i>gry</i> , a stile <i>jejune</i> , and ma-
8	27	Tom Pride.	4	25	7	36	ny such like expressions,
9	28	Rablais.	4	24	7	37	plainly alluding to the diet
10	29	<i>The trees put on</i>	4	22	7	39	of an author, &c.
11	30	<i>their lofty hats,</i>	4	21	7	40	Now, I say, it is evident,
12	1	<i>While lovers in the</i>	4	19	7	42	if this be true, that every
13	2	<i>arbor chat.</i>	4	17	7	44	man at meat is <i>most bo-</i>
14	3	Bonny Frank.	4	16	7	45	<i>ored</i> when he is <i>most hu-</i>
15	4	Desperate Dick.	4	14	7	47	noured; or when he sits
16	5	Karagantua.	4	13	7	48	carest to that which
17	6	Blue-beard.	4	11	7	50	pleases his palate best; and
18	7	<i>Now these well</i>	4	1	7	51	consequently that is the first
19	8	<i>skill'd in physick</i>	4	8	7	53	place to him upon that prin-
20	9	<i>utter,</i>	4	7	7	54	ciple, and such men must
21	10	<i>Great praises of red</i>	4	5	7	56	be allowed to have the truest
22	11	<i>sage and butter.</i>	4	4	7	57	taste of honor of all others.
23	12	William Hone.	4	3	7	58	I have often observed these
24	13	<i>When maids into the</i>	4	2	7	59	sort of people have general-
25	14	<i>teens are got,</i>	4	0	8	1	ly a great propensity to roast
26	15	<i>They want a hus-</i>	3	59	8	2	beef; and it will be grant-
27	16	<i>band sore (God</i>	3	58	8	3	ed, that to sit even at the
28	17	<i>wot).</i>	3	57	8	4	foot of the table next a Sir-
29	18	John à Nokes.	3	56	8	5	loin, which is a dish of dig-
30	19	Tom à Styles.	3	55	8	6	nity, and of old hereditary
31	20	Jack Pudding.	3	54	8	7	neighbourhood, is, in strict-

Some

# JUNE hath xxx Days. P. Robin.

Last Quarter the 7th Day at 30 Min. past Midnight.

New Moon the 14th Day at 24 Min. past 4 After.

First Quarter the 22d Day at 4 in the Morning.

Full Moon the 30th Day at Three Quart. past 3 Morn.

1e	Nicom. Rom. Pr	9	A 30	The BROKEN MUG.
2f	Days incr. 8 h.	C	Chr.	A T A L E.
3g	and 3 quarters.	10	4	How shall I now the <i>Nine</i> invoke;
4a	Petronius.	11	9	K. George III. born, 1738.
5B	1 Sun. aft. Trin.	11	30	Since all my comfort's crack'd and
6c	Claudius.	11	47	broke!
7d	Robert, Abb.	Morn.		Then, let my sorrows have some
8e	Merard.	0	2	vent,
9f	Anthony.	0	21	Proportion'd to my discontent.
10g	Felicianus.	0	38	In all affairs of humane life,
11a	St. Barnabas.	1	0	Prs. Amelia Sophia b. 1711.
12B	2 Su. aft. Trin.	1	53	So intermix'd with joy and strife;
13c	Anthony.	2	15	My Mug still sweeten'd all my
14d	Vitus.	D	Sets.	care,
15e	Ruland.	9	A 16	My sorrows were all drowned there.
16f	Quiricus.	1	52	This, with an honest jolly friend,
17g	St. Alban, Mar.	10	20	To anxious thoughts could put an
18a	Marcus.	10	39	end:
19B	3 Sun. afr. Trin.	10	5	Which still clos'd up the rolls of
20c	Tran. of Ed. K	11	8	day,
21d	Walburg.	11	20	And made the minutes glide away.
22e	St. Albane.	11	35	But now I have no Mug to drink,
23f	Etheldred. Fast.	11	53	Nor scarce the pow'r to write or
24g	Midsum. Day.	Morn.		think,
25a	Amphibalus.	0	6	Assist ye nymphs with wit and
26B	4 Sun. aft. Trin.	0	30	skill
27d	Jeremias.	1	2	St. John Baptist.
28d	Leo. Fast.	1	41	A native of <i>Parnassus</i> hill,
29e	St. Peter, A. & M.	2	35	Who now imlores the sacred <i>Nine</i> .
30f	Dorothy.	D	Rises	To raise his thoughts in every line:
				Your property is not to faint,
				Or give a Mug with nothing in't.
				Since birds are subject to be dry,
				We beg before our skill we try,

# 1768. Observations fitting for June.

The Sun to Cancer now is mounting high,  
And with his strongest Rays darts thro' the Sky:  
The Men (to Mow) with Scythe, Bottle and Rake,  
Do go; and Maids with pleasure Hay to make.

No  
real  
Night.

1	21	Simon Tuck	3	53	3	8	Some REFLECTIONS on
2	22	Mat Merryman	3	52	8	5	VIRTUE and VICE.
3	23	Great benefits are	3	51	3	9	Virtue is of intrinsic value
4	24	oftentimes,	3	50	3	10	and good-desert, and of indis-
5	25	The causes of the	3	49	3	11	penable obligation; not the
6	26	greatest crimes:	3	48	3	12	creature of will, but necessary
7	27	The slave whom Pom	3	47	3	13	and immutable; not a loca-
8	28	pey did promote,	3	46	3	14	temporary thing, but as an-
9	29	Was he who vilely	3	45	3	15	cient and universal as the di-
10	30	cut his throat.	3	44	3	16	vine mind; not a mode of sen-
11	31	Spanish Curate	3	43	3	17	sation, but everlasting truth
12	unc	K. of Morocco	3	42	3	18	not dependent on power, bu
13	unc	Muggleton	3	41	3	19	the director of all power
14	3	Sir Harry Vane	3	40	3	20	Virtue is the foundation of al
15	4	The Maid that mar-	3	39	3	21	honor and esteem, the source
16	5	ries now about,	3	38	3	22	of all beauty, order, and hap-
17	6	The thing is plain	3	37	3	23	piness in nature. It is wha
18	7	she without doubt,	3	36	3	24	confers value on all other th
19	8	Mustn't for love, or	3	35	3	25	endowments and qualities o
20	9	else for gold,	3	34	3	26	a reasonable Being, to whic
21	10	More than to keep her	3	33	3	27	they ought to be absolute
22	11	from the cold:	3	32	3	28	subservient, and without
23	12	Lucius Appius	3	31	3	29	which the more eminent the
24	13	Demosthenes	3	30	3	30	are, the more hideous de
25	14	Montelion	3	29	3	31	formities and greater curse
26	15	For, unto all it is	3	28	3	32	they become. The use an
27	16	well known	3	27	3	33	influence of it are not con
28	17	'Tis warm enough to	3	26	3	34	ined to any one part or stag
29	18	lie alone.	3	25	3	35	of our existence, or to an
30	19	Simon Magus	3	24	3	36	particular situation or circum
						37	stances we can be in, bu
						38	reach thro' all parts of ou
						39	beings, and all the passio
						40	and circumstances of them
						41	Many of the endowment
						42	ments, and powers we no
						43	possess

# July hath XXXI Days. P. Robin.

Left Quarter the 7th day, at 21 min. past 6 in the morn.

New Moon the 14th day, at 2 in the morning.

First Quarter the 21st day, at 9 at night.

Full Moon the 29th day, at a quar. past 2 afternoon.

1	g	Theobald.	9	A	9	A Draught of the <i>Coffin</i> Spring,
2	a	Visit. Bl. V. M.	9	31		To clear our Pipes before we sing.
3	E	S. after Trin	9	48		This <i>Mug</i> which I lament in Tears
4	c	Tran. of S. Mare	10	4		Hath serv'd me well for many Years.
5	d	Old Midsum. D.	10	25		That useful piece of Furniture
6	e	Sexburga Q.	10	38		Is broke and shatter'd past all cure!
7	f	Tho. à Becket.	10	55		Nor can it e'er be hoop'd with Tin.
8	g	D. decr. 16. m.	11	21		As other <i>broken Mugs</i> have been,
9	a	Cyril.	11	48		Whose ruptures cur'd by Tinker's stuff,
10	B	S. after Trin	Morn.			Are still of special Use to us.
11	c	Pius.	9	46		But now alas! 'tis all in vain
12	d	Nabor, & Felix	1	44		To join thy Particles again:
13	e	Privatus.	2	55		What Cost wou'd I, on thee bestow
14	f	Bonadvent.	3	55		To have thee now in <i>Statu quo</i> ?
15	g	Swith. B. Win.	8	A	35	Thou <i>Mug</i> , the Subject of my Song,
16	a	Osmond.	8	54		Shouldst not be full, nor empty long:
17	B	S. after Trin	9	10		In Silver Hoops thou shouldst appear,
18	c	Rolius.	9	23		Well tipp'd, and frothing full of Beer;
19	d	Rufin & Justin	9	45		Whose fragrant Bubbles gently fall,
20	e	Marg. V. & M.	9	52		Till by degrees contracted small
21	f	St Mary Magd.	10	5		They on thy centre form a Rose
22	g	Clocks and W.	10	26		So grateful to our Eyes and Nose:
23	a	6 min. too fast.	10	54		Whose mantling juice does far outshine
24	B	S. after Trin	11	31		The sparkling of the choicest Wine.
25	c	St Jam. A & M	11	58		Queen of Denmark born 1751.
26	d	St Ann M. V. M.	Morn.			It was a <i>Family</i> - <i>old Mug</i> ,
27	e	Twilight ends	1	28		At which our Friends did often tog;
28	f	58 min. past 10.	2	29		'Twas bought when I was but a Youth,
29	g	Panthaleon	3	Rises		And <i>Granny</i> says upon her Truth,
30	a	Dog Days beg	7	A	54	A finer <i>Mug</i> was never bought
31	B	S. after Trin	8	11		Altho' it cost her but a Great;
						The Potter surely play'd his Part,
						For 'twas a Master-piece of Art.

# 1768. Observations suited to July.

Good Husbands now will work; and not delay,  
Mow when you will; while the Sun shines make Hay;  
And carefully, if you intend to thrive,  
You'll (like the Bee) bring Honey to the Hive.

1	20	Ascapant	3	45	8	15	possess, and of which we are
2	21	Frank Challoner	3	46	8	14	too apt to be proud, will cease
3	22	Ned Ludlow	3	46	8	14	entirely with the present state;
4	23	Jack Dixon	3	46	8	14	but this will be our ornament
5	24	Tom Nixon	3	47	8	13	and dignity in every future
6	25	Good victuals, and	3	48	8	12	state to which we may be re-
7	26	beer not too small,	3	49	8	11	moved. Beauty and wit will
8	27	Are best for men to	3	50	8	10	die, learning will vanish away,
9	28	work without	3	51	8	9	and all the arts of life be soon
10	29	Mother Cunney	3	52	8	8	forgot; but Virtue will remain
11	30	Giles Goosecap	3	53	8	7	for ever. This unites us to
12	1	Witch of Endor	3	54	8	6	the whole rational creation
13	2	Frowly Moll	3	55	8	5	and fits us for conversing with
14	3	Money will cause a	3	56	8	4	any order of superior nature
15	4	man to wed,	3	57	8	3	and for a place in any part of
16	5	A wife with but few	3	58	8	2	God's works. It procures us
17	6	graces find,	3	59	8	1	the approbation and love of all
18	7	Mahomet	4	0	8	0	wife and good beings, and
19	8	Beau Nash	4	1	7	58	renders them our allies and
20	9	Sally Simpson	4	2	7	57	friends.
21	10	Tom Brentnal	4	3	7	56	But what is of unspeakable
22	11	Make hay now while	4	4	7	55	greater consequence is, that it
23	12	the Sun doth shine	4	5	7	54	makes God our friend, affi-
24	13	Shun whoring, and	4	6	7	53	milates and unites our mind
25	14	excess of wine	4	7	7	52	to His, and enlarges his al-
26	15		4	8	7	51	mighty power in our defence
27	16	Xantippe	4	9	7	50	It is of equal weight and of
28	17	Black Pudding	4	10	7	49	among all superior beings a
29	18	Pyeman Morton	4	11	7	48	among us, and of the same au-
30	19	Muckle John	4	12	7	47	thority in all worlds as this
31	20	Little Dick	4	13	7	46	The further any being is ad-
			4	14	7	45	vanced in perfection, and th-
			4	15	7	44	larges his sphere of power
			4	16	7	43	knowledge and influence in
			4	17	7	42	the greater is his attachment
			4	18	7	41	to it, and the more he is us-

# August hath XXXI Days. P. Robin.

Last Quarter the 5th day, at 30 min. past 9 morning.  
 New Moon the 12th day, at 19 min. past 1 afternoon.  
 First Quarter the 20th day, at half past 2 afternoon.  
 Full Moon the 27th day, at midnight.

1	c	Lammas day	8	A	28	He form'd it of well temper'd stuff,
2	d	Stephanus.	8		46	To make it durable and tough,
3	e	Dominicus.	9		15	The Concave and the Convex white.
4	f	Aristarchus.	9		29	Appear'd most pleasing to the Sight.
5	g	Oswald.	10		4	I would puzzle <i>Each</i> of <i>or</i> <i>Defart</i>
6	a	Transfigurat.	10		44	To take dimensions of each Part.
7	B	10 S. after Trin.	11		27	The Base whereon it stood was round,
8	c	Syriacus	Morn.			The rest with various Shapes abound;
9	d	Romafus	0		42	Not truly Spherical, nor Conic,
10	e	St Laurence.	1		56	Cylindrical, nor Parabolic:
11	f	Gilbert.	3		11	All from the Bottom to the Ear,
12	g	Old Lamas day	D Sets			Was like the <i>Frustrum</i> of a Sphere,
13	a	Margaret.	7	A	16	Princess of Brunswick born.
14	B	11 S. after Trin.	7		32	Prince of Wales born, 1762.
15	e	Assum. V. M.	7		47	The rest much like that of a Cone,
16	d	Rochus.	8		0	To which was fix'd one Ear alone:
17	e	Mammes.	8		20	P. Fred Bp o' Osnaburg b. 1763
18	f	Holcha.	8		37	The one should think another Leg,
19	g	Sebalus.	9		0	Might well become so large a <i>Mug</i> .
20	a	Severinus.	9		3	But be it known unto you, Sirs,
21	B	12 S. after Trin.	10		15	Some modern wise Geometers
22	c	Timothy.	11		9	Pr. William Henry born, 1765.
23	d	Donatus. Fast.	Morn.			Thought it a surer way, and quicker,
24	e	St Bartholomew	0		17	To fill the <i>Mug</i> with humming Liquor;
25	f	Lewis.	1		31	Then handing it from North to South,
26	g	Ireneus.	2		53	They took the Gauge by Word o' Mouth
27	a	Calphurnia	D Rises			For when it went full nine times round,
28	B	13 S. after Trin.	6	A	38	By long Experience they found,
29	c	St J. Beheaded.	6		43	It held two Quarts by Estimation,
30	d	Gaudenia.	7		44	And some few Teasels by Calculation,
31	e	Paulinus.	7		50	Then to complete what they begun,
						They lach'd it like a Brewer's tun.

And



# 1768. Observations proper in August.

Now the industrious Harvester will sweat,  
Scorched all Day with Sol's intenser Heat:  
Reaping full Ears, with their well-laden Tops,  
Which pays his Labor well with teeming Crops.

21	Jack Robinson	4	19	7	40	der its direction.—To say no
22	Tantrobobus	4	20	7	39	more; it is the law of the
23	Tom James	4	22	7	37	whole universe; it stands first
24	Ignoramus	4	23	7	36	in the estimation of the Deity;
25	No man e'er liv'd (on	4	25	7	34	its original is his nature; and
26	earth) or ever shall,	4	27	7	32	it is the very thing that makes
27	That did all well, and	4	28	7	31	him lovely.
28	had no fault at all.	4	30	7	29	Such is the importance of
29	Caligula	4	31	7	28	virtue.—Of what consequence
30	Domitian	4	33	7	26	therefore is it that we prac-
31	Suetonius	4	35	7	24	tise it?—There is no argu-
32	Purpuratos	4	36	7	23	ment or motive which is at
33	You learned men	4	38	7	21	all fitted to influence a reason-
34	That use the pen,	4	40	7	19	able mind, which does not
35	And studies much	4	42	7	17	call us to this. One virtuous
36	frequent;	4	44	7	15	disposition of soul is prefera-
37	The more ye look	4	45	7	14	ble to the greatest natural ac-
38	For Muses brook,	4	47	7	12	complishments and abilities,
39	The less you will	4	49	7	10	and of more value than all the
40	repent.	4	51	7	8	pleasures of the world. If you
41	Garigliano	4	53	7	6	are wise, then, reader, study
42	Morpheus	4	55	7	4	virtue, and condemn every
43	Romulus	4	56	7	3	thing that comes in competi-
44	Charles Borromeo	4	58	7	1	tion with it. Remember, that
45	To wed a wife that	5	06	59	6	nothing else deserves one an-
46	proves a shrew,	5	26	57	4	xious thought or wish. Re-
47	Is bad for her, but	5	46	55	3	member, that this alone is ho-
48	worse for you.	5	66	53	1	nour, glory, wealth, and hap-
49	Rhadamanthus	5	76	52	0	piness. Secure this, and you
50	King Pippin	5	96	40	0	secure every thing. Lose this,
51	Mark Anthony	5	116	48	0	and all is lost!

But let us next consider  
vice. To the same degree the  
virtue is important and ami-  
able, this is evil and detesta-  
ble. It is of essential malign-

# September hath XXX Days. P. Robin.

Last Quarter the 3 day, at 15 min. past 3 afternoon.

New Moon the 11th day, at 3 in the morning.

First Quarter the 19 day, at half past 7 morning.

Full Moon the 26th day, at 9 in the morning.

1	f	Giles, A. & Con.	3	A	7	And in a Minute wou'd decry,
2	g	Lon. burnt O. S.	8		49	The several inches wet or dry.
3	a	Veronica.	9		37	They estimated near enough
4	B	14 S. aft. Trin.	10		37	A Conic or Cylindric Hoof.
5	c	Zacharias.	11		27	Whene'er the <i>Mug</i> was on a stoop,
6	d	Dog days end.				They took the <i>Uillage</i> to a Sup.
7	e	Emurchus, B.	1		7	It serv'd a double 'Prenticeship,
8	f	Nativ. of V. M.	2		28	And never got one crack or slip,
9	g	Gorgonias	3		38	Until by chance the other Day
10	a	Nicholas.	4		48	(To <i>show the Frailty of our Clay</i> )
11	B	15 S. after Trin		B	Sets	It got a most unlucky Fall,
12	c	Zenon.	6	A	15	Which may be warning to us all.
13	d	Lon. burnt 1666	6		25	For let us live to <i>Neslor's</i> Age,
14	e	Holy Cross day	6		46	We must at last go off the Stage:
15	f		7		10	I was made in <i>Aana's</i> glorious Reign,
16	g	Nicodemus.	7		39	And always kept both sweet and clean,
17	a	Lambert, Bish.	8		29	Her Health was often drank thereout,
18	B	16 S. after Trin.	9		7	In <i>March</i> or in <i>October</i> stout,
19	c	Januarius	10		5	It went about just with the Sun,
20	d	Faula. <i>Fas.</i>	11		13	And in a Circle still did run;
21	e	St Matth. Evan.				'Twon'd drain a Cellar e'er so deep,
22	f	Mauritius.	0		31	And from an Inundation keep,
23	g	Tecla.	2		1	Ember Week.
24	a	Rupert.	3		30	King GEO. III. & Q. CHAR. crown'd.
25	B	17 S. after Trin.	4		43	That Quarter of the Town you know,
26	c	St Cyprian, Arc.		B	Rises	Where high Spring-Tides do overflow;
27	d	Cof. & Dam.	5	A	46	For in a Day it would exhale
28	e	Wincessaus.	6		17	The Lord knows how much Beer or Ale.
29	f	St Michael	6		55	Nor wou'd it lose its Virtue quite
30	g	S. Jer Pr. Conf	7		42	Till it was nine or ten at Nig't.
		& D.				It was a Planet without doubt,
						For Day and Night it went about.
						And

# 1768. Observations in September.

The tedious Nights (so long) approach apace,  
And Sol more near the Earth, shortens his Race:  
The Fruits are ripen'd, and the Herbage done,  
And Autumn gathers, what the Summer won.

1	21	Wicked Warrey	5	13	3	46	nity and ill desert, the only
2	22	A Lawyer who's of	5	15	5	44	real object of censure & blame
3	23	all the worst,	5	17	6	42	and the source of all evils. O
4	24	For practice had ought	5	19	6	40	ther things which are called
5	25	to be car'd.	5	21	5	38	evils, such as diseases, power
6	26	Billy Penwaggle	5	23	6	36	ty, losses, and calumny, af
7	27	Toby Mac Négus	5	25	6	34	fect only what is external an
8	28	Simius Chatter	5	27	6	32	foreign to us; but they nee
9	29	Miss Pamtickle	5	29	6	30	not, except we please, distur
10	30	Lady Riggledum	5	31	6	28	our minds, or do the least in
11	31	Have eyes, lips and	5	33	5	26	jury to what's truly our selwa
12	Sep.	nose, but their	5	35	5	24	It hurts not only the body
13	1	heads are no more	5	37	6	22	the reputation, or fortune
14	2	Than a Doll's that is	5	39	6	20	but the man, & plants anguil
15	3	plac'd out a Mil-	5	41	6	18	uprear, and death in the so
16	4	lener's door.	5	43	5	16	itself. Other evils may in th
17	5	Miss Fitchett	5	45	6	14	end prove to be benefits to u
18	6	Major Lignum	5	47	5	12	but this is eternally and in
19	7	Jezebella	5	49	6	10	changeably evil; the chane
20	8	Sir Philip ô Kettle	5	51	6	8	every heart into which it e
21	9	Feigned looks but sel-	5	53	6	6	ters; the certain pain of
22	10	dum shew	5	55	6	4	who do not in time refec
23	11	What the false heart	5	57	6	2	themselves from its dominion
24	12	within da; b know	5	59	6	0	and the sting and misery
25	13	Senacherib.	6	61	5	58	whatever else afflicts us—
26	14	Pope Innocent	6	63	5	56	is impossible to conceive wh
27	15	Frowfy Moll	6	65	5	54	it is to set up our own wi
28	16	Pope Joan	6	67	5	52	against reason and the divi
29	17	Saint Landlord	6	69	5	50	will, to violate the order
30	18	Nimrod.	6	71	5	48	the world, and to depart fr
	19					46	that law which governs
	20					44	things, and by which
	21					42	Deity acts. There is no
	22					40	ject in nature so hideous
	23					38	monstrous as a reasonable
	24					36	ing deserv'd with guile, livi
	25					34	in contradiction to the

# October hath XXXI Days. P. Robin.

Last Quarter the 2d day, at Midnight.

New Moon the 10th day, at 3 quar. past 7 at night.

First Quarter the 18th day, at 10 min. past 11 at night.

Full Moon the 25th day, at 6 at night.

1	a	Remig. B. of R.	8	A	45	And had its Periodic Times
2	B	18 S. after Trin	9		50	As regular as <i>Christ Church</i> Chimes.
3	c	Maximinian	11		14	Then by nocturnal Observation,
4	d	Francis.		Morn.		We found its Virtue and Pulsation;
5	e	Constantine.	0		23	(When like the Sea it ebb'd and flow'd)
6	f	Faith, V. & M.	1		35	Its various Operations shew'd;
7	g	Johannes.	2		46	And different Influence on Men,
8	a	Pelagius.	3		58	About the Hours of eight and ten.
9	B	19 S. after Trin	5		9	'Twas on a Day, some Friends and I,
10	c	Old Mich. Day	5	B	Sets	We e seated on <i>Parnassus</i> high.
11	d	Burchard.	5	A	4	My Friends began to hern and rough
12	e	Wilfrid.	5		26	With Voices hoarse and very rough,
13	f	Transl of E. K.	5		52	By long debating <i>Pro</i> and <i>Con</i> ,
14	g	Calixtus.	6		18	Whether the <i>Earth</i> moves, or the <i>Sun</i> ;
15	a	Nicodemus.	7		13	Who wrote the best Philosophy,
16	B	20 S. after Trin	8		9	<i>Copernicus</i> or <i>Ptolemy</i> ;
17	c	Beheldred, Virg	9		11	Whether they were not both out-done
18	d	St Luke, Evan.	10		23	By <i>Newton's Principles</i> alone,
19	e	Ptolomy.	11		38	Tho' now the Mode, 'tis not my Way
20	f	Edmund		Morn.		To entertain my Friends with <i>Tea</i> ;
21	g	11,000 Virgins	1		2	We Bards don't love our Drink too new,
22	a	Cordula	2		22	Nor can we spare the Time to brew.
23	B	21 S. after Trin	3		55	We use no <i>Tea</i> nor <i>Coffee</i> here,
24	c	Salome	5		15	They're both insipid, and too dear;
25	d	Crispin, Mart.	5	D	Rises	They never can clear up the Brain,
26	e	Amandus.	4		55	Or put us in a merry Vein,
27	f	Florence Fast.	5		38	To some they give ill-natur'd Fits,
28	g	St Sim. & Jude	6		36	King <i>GEORGE III.</i> Inauguration:
29	a	Narcissus.	7		40	<i>K. GEORGE III.</i> Proclaimed.
30	B	22 S. after Trin.	8		56	While base <i>Detractors</i> pass for <i>Wits</i> ,
31	c	Julian. Fast.	10		13	From whose vile Censure none is free;

End of the

# 1768. Observations useful in October.

Th' industrious Farmer now his Seed-time's in,  
The Lawyer's Harvest quickly will begin :  
Young People throng to see the Lord Mayor's Show,  
And Shoemakers get drunk as they can go.

1	20	Stump Blacknal	5	12	5	47	monstrances of his understand-
2	21	It is not a thing that	5	13	5	45	ing trampling on the authori-
3	22	need to be wonder'd	5	16	5	43	ty of God, and opposing him-
4	23	That boasted four	5	18	5	41	self to the obligations of truth
5	24	thousand should drop	6	20	5	39	and high-conscience.
6	25	to four hundred.	6	22	5	37	But nothing is fitter to give
7	26	Cocky Newrack	6	24	5	35	us a deeper sense of the dread-
8	27	Who every day pro-	6	26	5	33	ful nature of vice, than to con-
9	28	fanelly swears ;	6	28	5	31	sider what would be the con-
10	29	Ne'er goes to	5	29	5	30	sequence if it became preva-
11	30	Church, nor says	5	31	5	28	lent through the creation, and
12	0	his Prayers :	6	33	5	26	if all beings were to throw off
13	1	But cheats and bullies	6	35	5	24	all regard to right and equity.
14	3	all be can,	6	37	5	22	With what groans and desola-
15	4	Shall be be call'd an	6	49	5	20	tion of anarchy and misery
16	5	honest man !	6	41	5	18	would it cover a fair and hap-
17	6		6	43	5	16	py universe ? How soon would
18	7	St Shilton	6	45	5	14	it blast the whole beauty of
19	8	Such, whose sole bliss	5	47	5	12	the divine works, and involve
20	9	is eating ; who	6	49	5	10	them in one universal midnight
21	10	can give	6	51	5	8	and ruin ! — Now, let it be
22	11	But that one brutal	6	53	5	6	well observed, that every in-
23	12	reason why they	6	55	5	4	stance of moral evil is a direct
24	13	live,	6	57	5	2	tendency to this. It is that
25	14	St Clayton, &c.	6	58	5	1	8 begun, which carried further
26	15	Are souls in whom no	7	04	59	6	would issue in it. We cannot
27	16	heav'nly fire is	7	24	57	4	therefore, indulge one irregu-
28	17	found,	7	44	55	2	lar desire or wrong thought,
29	18	Far minds, and ever	7	64	53	1	without taking a step towards
30	19	grooming on the	7	74	52	0	all that is terrible, without
31	20	ground !	7	194	50	0	so far doing our part towards

What we thus, from the  
idea of vice, may see would  
be the effects of it, were it

# November hath XXX Days. P. Robin.

Last Quarter the 1st day, at 8 min. past noon.

New Moon the 9th day, at 2 in the afternoon.

First Quarter the 17th day, at 42 min. past noon.

Full Moon the 24th day, at 4 in the morning.

1	d	All Saints Day.	11	A	28	I guess <i>my Brother Bards</i> 12 day,
2	e	All Souls.				Then begg'd a <i>Nymph</i> who lives hard by,
3	f	Winifred.	0		43	To step to <i>Helicon</i> in haste
4	g	Amantius.	1		55	And bring the <i>Mug</i> full of the best.
5	a	Papists Conspir.	3		7	In haste as she tripp'd down the Stairs
6	B	23 S. after Trin.	4		12	With graceful Air, but unawares,
7	c	Horentius.	2		2	Duke of Cumberland born.
8	d	Claudius.	5		30	
9	e	Theodorus.	D	Set		Precipitating on her Hoop,
10	f	Tryphon.	4	A	25	As she run downwards made her stoop,
11	g	St Martin. B.	5		10	Down fell the <i>Nymph</i> , the <i>Mug</i> and all,
12	a	Cosmia.	3		1	The Loss was great! and great the Fall!
13	B	24 S. after Trin.	7		2	The <i>Nymph</i> return'd with nimble Feet,
14	c	Frederick.	8		8	But got her Finger sorely cut.
15	d	Machutus B.	9		18	The Tidings told with pining Breath,
16	e	Edmund.	10		30	How she escap'd a sudden Death.
17	f	Hugh, B. of Li.	11		45	The Charter'd Limbs — Oh dire Mishap!
18	g	Gelasius.			4	She brought up gather'd in her Lap,
19	a	Julius.				With fractures of the <i>Mug</i> , so small,
20	B	25 S. after Trin.	2		24	No Art could e'er cement them all.
21	c	Preseut. V. M	4		44	Know best of Murrs, <i>Alien</i> , <i>Alien</i> !
22	d	Cecilia V. & M	5		34	Since I am doom'd to follow you,
23	e	S. Clem. B. & M	5		50	I am but Clay, and so wert thou;
24	f	Chrysogon.	D	Rises		When I go off, or where, or how,
25	g	Cather. V. & M	5	A	10	I cannot tell: but still must strive
26	a	Conradus.	5		30	Duke of Gloucester born.
27	B	Advent Sunday	7		4	To keep this <i>Microscop</i> alive.
28	c	Term Ends.	9		7	To wet my Clay as it grows dry
29	d	Saturnus. Fast.	10		20	Left it shou'd into <i>Atom</i> fly.
30	e	St Andrew Ap.	11		30	Prs Dowager of Wales born 1719

# 1768. Observations thro' November.

The Evening of the Year—Now the thresh'd Sheaf  
Loses its Grain, and every Tree its Leaf;  
The woody Choiristers do cease their Notes,  
And stately Forests don their yellow Coats.

1	21	Hopper Cakes	7	11	4	48	universal'y prevalent, we find
2	22	Now long nights and	7	13	4	46	in some measure verified by
3	23	weather cold,	7	15	4	44	actual experience & fact. Into
4	24	Winter makes all	7	16	4	43	this world we know it has got
5	25	things look old;	7	18	4	41	admission, and what havoc
6	26	But, if I'd my heart's	7	20	4	39	do we see it has made! How
7	27	desire,	7	22	4	37	has it spread its malignant ef-
8	28	I'd have a friend and	7	24	4	35	fects thro' all nations & lands!
9	29	a good fire.	7	25	4	34	It is not, indeed, easy for a
10	30	Dolly my Leg.	7	27	4	32	benevolent mind to bear the
11	31	True Blue	7	29	4	30	prospect here before it, or to
12	NOV	Lovelady	7	31	4	28	take a particular view of that
13	NOV	Jo. Canner	7	32	4	27	flood of disaster & woe which
14	3	John à Nokes	7	34	4	25	vice has let in upon the hu-
15	4	Richard Roe	7	36	4	23	man race.—From hence pro-
16	5	Guy Fawks	7	38	4	22	duced unnumbered calamities
17	6	Money will make a	7	39	4	21	and evils which are continually
18	7	man to wed	7	41	4	19	infesting us and mingling dis-
19	8	A wife with all these	7	42	4	18	appointment, vexation, and
20	9	graces sped;	7	44	4	16	bitterness, with our enjoy-
21	10	With rotten teeth, or	7	45	4	15	ments and comforts. This
22	11	none per haps;	7	46	4	14	is the cruel enemy which ren-
23	12	With stinking breath	7	48	4	12	ders men destructive to men,
24	13	and hanging chaps;	7	49	4	11	which racks the body with
25	14	With driv'ling mouth	7	50	4	10	pain, and the mind with e-
26	15	and sniv'ling nose;	7	51	4	9	morse, which produces strife,
27	16	With wrinkl'd neck,	7	52	4	8	faction, revenge, oppression,
28	17	sinks as she goes.	7	54	4	6	and scdition; which embroils
29	18	Tom Turnabout	7	55	4	5	society, kindles the flames of
30	19	Arthur à Bradley	7	56	4	4	war, and erects inquisitions;
							which takes away peace from
							life, and haps from death
							which brought forth death at
							first, and has ever since clothed
							it with all its errors; which
							arms nature and the God of
							nature against us; and against

# December hath XXXI Days. P. Robin.

Last Quarter the 1st day, at 6 min. past 4 morning.

New Moon the 9th day, at 9 at night.

First Quarter the 16th day, at 22 min. past 11 at night.

Full Moon the 23d day, at 11 min. past 3 afternoon.

Last Quarter the 30th day, at 10 min. past 11 at night.

1	f	Eligius.	Morn.	
2	g	Canditus.	0	39
3	a	Lufius.	1	57
4	B	Sun. in Adv.	3	5
5	c	Sabine.	4	12
6	d	Nicol. Bishop.	5	20
7	e	Ambrose.	6	20
8	f	Concep. of M.	7	28
9	g	Joachim.	D Sets	
10	a	Lucia.	4 A	47
11	B	Sun. in Adv.	5	54
12	c	Elfred.	7	4
13	d	Lucy, V. & M.	8	21
14	e	Ember Week.	9	36
15	f	Hilda.	10	54
16	g	O Sapientia.	Morn.	
17	a	Lazarus.	0	15
18	B	Sun. in Adv.	1	36
19	c	Nemefius.	3	0
20	d	Ammon. Fast.	4	20
21	e	St Tho. Apol.	5	38
22	f	Theodosius.	6	50
23	g	Victoria.	D Rises	
24	a	Adam and Eve.	5	7
25	B	Christmas Day.	6	27
26	c	St Stephen.	7	45
27	d	St. John A. & Ev.	9	2
28	e	Innocents day.	10	15
29	f	Jonathan.	11	28
30	g	David.	Morn.	
31	a	Sylvest B. of R.	0	41

Now you have heard the Mag's sad Story,  
The next Thing I shall lay before ye;  
You see this Year's now wheel'd about,  
What can't be broke, must be ~~renewed~~ <sup>renewed</sup>;  
So 'tis with all the Human Throng;  
Some live till old, but more die young;  
This Year has thousands seen contomb'd  
Who on their Health or Youth presume  
A longer Stay: but gone they are,  
May we ourselves therefore prepare  
To follow them, as soon we must;  
And mix promiscuous in the Dust.  
The next Year that succeeds the past  
None knows but it may be his last:  
To Virtue then let's all incline,  
And strive to obtain that Grace divine  
Which is approved in God's Sight,  
That we may join the Sons of Light:  
This holy Feast draws on, may we  
For lasting Joys preparing be  
To meet our Lord when he shall come  
A second time, to pass the Door  
On all the Race of Men, who have  
Liv'd on the Earth: O may he save  
Our Souls from everlasting Death,  
And the dread Gulph of Hell beneath!

Then Joys eternal will remain,  
Redeem'd by Him from Sin and Pain:  
We'll joyful Hallelujah's sing  
To our Redeemer, God and King





# 1768. Observations in December.

Now Christmas comes, which us'd to bring with it  
Materials for the Oven, Pot, and Spit:  
But many (Things being dear) such Method raises  
One single Dish a Christmas Dinner makes.

1	20	Boj netete	7	57	4	3	which it has been the business
2	21	Jack Blackwell	7	58	4	2	of all ages to find out provisions
3	22	Now men contrive	7	59	4	1	and securities by various
4	23	That is, they strive	8	0	1	1	institutions, forms of government,
5	24	To get and thrive	8	1	3	54	decrees, and laws.
6	25	As I'm alive:	8	2	3	58	But the effects of vice in
7	26	Poor wretches think,	8	3	3	57	the present world, however
8	27	And as I think,	8	3	3	57	shocking, are nothing to what
9	28	Drunkards want	8	4	3	56	we have reason to expect will
10	29	drink:	8	4	3	56	be its effects hereafter, when
11	30	But very few, the	8	5	3	55	the good and the bad shall con-
12	31	truth is so,	8	5	3	55	tinue no longer blended (which
13	32	Do strive in haste	8	0	3	54	is what occasions most of the
14	33	better to grow	8	6	3	54	present inequalities in human
15	34	Will Dell	8	6	3	54	affairs) when the natural ten-
16	35	Jack Downs	8	7	3	53	dencies of things will be no
17	36	Mephistophilus	8	7	3	53	more interrupted in their op-
18	37	Jim Richardson	8	7	3	53	eration; when the moral con-
19	38	The weather cold, and	8	8	3	52	stitution of the universe will
20	39	Trade humdrum,	8	8	3	52	be perfected, and every one
21	40	Then give poor Bob a	8	8	3	52	receive according to what he
22	41	glass of Rum	8	8	3	52	deserves. What the wrath will
23	42	Minc'd Pies	8	8	3	52	be which will then overtake
24	43	Christmas is here,	8	8	3	52	vice, it may not be possible for
25	44	Provide good cheer,	8	8	3	52	us to imagine. When we se-
26	45	And nappy beer;	8	7	3	53	riously consider what it is in
27	46	Than never fear	8	7	3	53	its nature and tendency, we
28	47	But that the year	8	6	3	54	can hardly have too dreadful
29	48	Of this old year:	8	6	3	54	apprehensions of the punish-
30	49	Will end in peace	8	5	3	55	ment that may follow it, and
31	50	And so I cease.	8	5	3	55	the loss we may suffer by it
							or, be too anxious about ex-
							ting all the remains of
							it from our tempers and lives
							and escaping to as great a dis-
							tance as possible from the dan-
							ger with which it threatens us

# A Table of the Terms, Returns, and Turnagains.

Hilary-Term begins Jan. 23, ends Feb. 12.

Returns, or Effoign Days.		Ex.	Ret.	Ap.	W. D.
8 days of St. Hilary	Jan. 20	21	22	23	Satur.
from the day of St. Hilary in 15 days	27	28	29	30	Satur.
on the morrow of Purific. of the V. Mary, Feb.	3	4	5	6	Satur.
8 days of the Purification of the V. Mary	9	10	11	12	Friday.

Easter-Term begins April 20, ends May 16.

from the day of Easter in 15 days	April 17	18	19	20	Wedn.
from the day of Easter in 3 weeks	24	25	26	27	Wedn.
from the day of Easter in 1 month	May 1	2	3	4	Wedn.
from the day of Easter in 5 weeks	8	9	10	11	Wedn.
on the morrow of the Ascension	13	14	15	16	Mond.

Trinity-Term begins June 3, ends June 22.

on the morrow of the Holy Trinity	May 30	31	1	2	Friday
8 days of the Holy Trinity	June 5	6	7	8	Wedn.
from the day of Holy Trinity in 15 days	12	13	14	15	Wedn.
from the day of Holy Trinity in 3 weeks	19	20	21	22	Wedn.

Michaelmas-Term begins Nov. 7, ends Nov. 28.

on the morrow of All Souls	Nov. 3	4	5	6	Mond.
on the morrow of St Martin	12	13	14	15	Tuesd.
8 days of St Martin	19	20	21	22	Mond.
15 days of St Martin	26	27	28	29	Mond.

N. B. No Sittings in Westminster-hall on Ascension-day, Midsummer-day, nor the second of February.

The Eschequer opens eight days before any Term begins, except Trinity, before which it opens but four days.

Note, The first and last days of every Term, are the first and last days of Appearance.

The Law is good, if lawfully 'tis us'd.

But is as bad when lawlessly abus'd :

Some Lawyers too we find are honest Men;

And some are otherwise (we know) withst'nd.

The Laws themselves, no honest Men mistrust.

Unless by tricking they are made unjust.

A Compendious TABLE of INTEREST,  
Shewing the Interest of any Sum of Money, from a Million to a Pound;  
for any Number of Days, and at any Rate of Interest.

No.	l.	s.	d.	q.	Pts	No.	l.	s.	d.	q.	Pts
2000000	2739	14	6	0	.99	1000	2	14	9	2	.14
900000	2465	25	0	3	.29	900	2	9	3	3	.12
800000	2191	15	7	1	.59	800	2	3	10	0	.11
700000	1917	16	1	3	.89	700	1	18	4	1	.10
600000	1643	16	8	2	.19	600	1	12	10	2	.30
500000	1369	17	3	0	.49	500	2	7	4	3	.70
400000	1095	17	9	2	.79	400	1	8	11	2	.30
300000	821	18	4	2	.09	300	0	16	5	1	.40
200000	547	18	10	3	.40	200	0	10	11	2	.30
100000	273	19	5	1	.70	100	0	5	5	3	.01
90000	246	19	6	0	.31	90	0	4	11	0	.71
80000	219	3	6	0	.96	80	0	4	4	2	.41
70000	191	15	7	1	.59	70	0	3	10	0	.11
60000	164	7	8	0	.22	60	0	3	8	1	.81
50000	136	19	8	2	.85	50	0	2	8	3	.51
40000	109	11	9	1	.48	40	0	2	2	1	.21
30000	82	3	10	0	.12	30	0	1	7	0	.90
20000	54	15	10	2	.74	20	0	1	1	0	.60
10000	27	7	11	1	.37	10	0	0	6	2	.30
9000	24	13	1	3	.23	9	0	0	5	3	.67
8000	21	18	4	1	.10	8	0	0	5	1	.40
7000	19	3	6	1	.96	7	0	0	4	2	.41
6000	16	8	9	0	.82	6	0	0	3	3	.76
5000	13	13	12	2	.58	5	0	0	3	1	.15
4000	10	19	2	0	.55	4	0	0	2	1	.52
3000	8	4	4	2	.41	3	0	0	2	3	.80
2000	5	9	7	0	.27	2	0	0	1	1	.46
1000	2	14	9	2	.14	1	0	0	0	2	.63

The Use of this TABLE exemplified by Rule and Example.

Always multiply the Sum of Money by the Number of Days: and that Product by the Rate per Cent. then cut off the two last Figures to the Right Hand, and the Rest you must find in the Table.

Ex. What is the Interest of 100 l. for a Year, (or 365 Days) at 5 l. per Cent.

Number of Days 365.

Then in the Table seek

Multiply by Sum 100

Against 1000 is 1 2 14 9 2 14

Against 800 is 2 3 10 0 11

Against 20 is 0 1 1 0 60

Product 36500

And against 5 is 0 0 3 1 15

Multiply by Rate 5

Product 182 5 10

£ Answer 5 0 0 0 00

1768.

## Poor Robin.

FOR ROBIN being very fond of pleasing, (or, if you like it better) desirous to oblige All his loving Countrymen and good Customers, more and better in every Year; and verily believing that they are all of them dear lovers of Ready Money, is in great Hopes that the following TABLE, which is contrived and designed as a sort of an *Handmaid* or Assistant to the foregoing one, will answer that End; because both these Tables together (which are now before you in 2 Pages) may assist you in making the best *useful* Use of your Money; As this gives you by Inspection, the exact Number of Days from the first of *January* to any Day in the Year.

Days	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	1	32	60	91	121	152	182	213	244	274	305	335
2	2	33	61	92	122	153	183	214	245	275	306	336
3	3	34	62	93	123	154	184	215	246	276	307	337
4	4	35	63	94	124	155	185	216	247	277	308	338
5	5	36	64	95	125	156	186	217	248	278	309	339
6	6	37	65	96	126	157	187	218	249	279	310	340
7	7	38	66	97	127	158	188	219	250	280	311	341
8	8	39	67	98	128	159	189	220	251	281	312	342
9	9	40	68	99	129	160	190	221	252	282	313	343
10	10	41	69	100	130	161	191	222	253	283	314	344
11	11	42	70	101	131	162	192	223	254	284	315	345
12	12	43	71	102	132	163	193	224	255	285	316	346
13	13	44	72	103	133	164	194	225	256	286	317	347
14	14	45	73	104	134	165	195	226	257	287	318	348
15	15	46	74	105	135	166	196	227	258	288	319	349
16	16	47	75	106	136	167	197	228	259	289	320	350
17	17	48	76	107	137	168	198	229	260	290	321	351
18	18	49	77	108	138	169	199	230	261	291	322	352
19	19	50	78	109	139	170	200	231	262	292	323	353
20	20	51	79	110	140	171	201	232	263	293	324	354
21	21	52	80	111	141	172	202	233	264	294	325	355
22	22	53	81	112	142	173	203	234	265	295	326	356
23	23	54	82	113	143	174	204	235	266	296	327	357
24	24	55	83	114	144	175	205	236	267	297	328	358
25	25	56	84	115	145	176	206	237	268	298	329	359
26	26	57	85	116	146	177	207	238	269	299	330	360
27	27	58	86	117	147	178	208	239	270	300	331	361
28	28	59	87	118	148	179	209	240	271	301	332	362
29	29		88	119	149	180	210	241	272	302	333	363
30	30		89	120	150	181	211	242	273	303	334	364
31	31		90		151		212	243		304		365

# POOR SIR ROBIN,

M. DCC. LXVIII.

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The SECOND PART Containing a  
**PROGNOSTICATION**  
For the Year of our Lord God 1768.

Wherein you may find (if you look carefully about you) a TABLE of PURE GOLD. After that another TABLE of the *Rising*, &c. of the *Seven Stars*; then another TABLE for Buying and Selling by the Hundred; and then another after that of the Bearing, Distance, &c. of several remarkable Places from LONDON. Then follows an Account of all the ECLIPSES that can be seen *here*, or *elsewhere*, within the Compass of this Year; and how, and when, and where, and whom they will most affect. Then follows a short Account of the predominant Power of GOLD; and then a very serious Piece of *judicial Astrology*, written in good Earnest: In short, the more you look the more you may; and, if you are tired before you get to the End, I would have you to begin again; but, if you happen not to be tired before, nor even when you shall have read it through, why then begin again, &c. till you are tired.

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Calculated much like the rest of *Poor Robin's Almanacks*; being suited to the Capacity of every Pocket that can spare *Nine Pence*.

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*Reader, I do not use hard cramping Words,  
Such as some other Almanacks afford:  
All my Design in that which I do write  
Is for to give thee Profit and Delight;  
And further that (for I love to be plain)  
Some of thy Pence & annually may gain.*

P. R.

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L O N D O N :

Printed by T. PARKER, for the Company of  
STATIONERS.

Although it may be expected that POOR ROBIN is no great Dealer in such *Metal*; yet, as he hopes many of his *best Readers* may sometimes have something to do with it occasionally; he therefore gives them the following TABLE, shewing the Value of *Foreign Pieces of GOLD* in *Engl<sup>ish</sup> Money*.

Number of Pieces	Portugal £ 3 12	Pieces £ 1 16	Moidore £ 1 7	Louis d'Or £ 1 4	Pistoles £ 0 16 6
1	£ 3 12	£ 1 16	£ 1 7	£ 1 4	£ 0 16 6
2	7 4	3 12	2 14	2 8	1 13 0
3	10 16	5 8	4 1	3 12	2 9 6
4	14 8	7 4	5 8	4 16	3 6 0
5	18 0	9 0	6 15	6 0	4 2 6
6	21 12	10 16	8 2	7 4	4 19 0
7	25 4	12 12	9 9	8 8	5 15 6
8	28 16	14 8	10 16	9 12	6 12 0
9	32 8	16 4	12 3	10 16	7 8 6
10	35 0	18 0	13 10	12 0	8 5 0
11	39 12	19 16	14 17	13 4	9 1 6
12	43 4	21 12	16 4	14 8	9 18 0
13	46 16	23 8	17 11	15 12	10 14 6
14	50 8	25 4	18 18	16 16	11 11 0
15	54 0	27 0	20 5	18 0	12 7 6
16	57 12	28 16	21 12	19 4	13 4 0
17	61 4	30 12	22 19	20 8	14 0 6
18	64 16	32 8	24 6	21 12	14 17 0
19	68 8	34 4	25 13	22 16	15 13 6
20	72 0	36 0	27 0	24 0	16 10 0
30	108 0	54 0	40 10	36 0	24 15 0
40	144 0	72 0	54 0	48 0	33 0 0
50	180 0	90 0	67 10	60 0	41 5 0
60	216 0	108 0	81 0	72 0	49 10 0
70	252 0	126 0	94 10	84 0	57 15 0
80	288 0	144 0	108 0	96 0	66 0 0
90	324 0	162 0	121 10	108 0	74 5 0
100	360 0	180 0	135 0	120 0	82 10 0
500	1800 0	900 0	675 0	600 0	412 10 0
1000	3600 0	1800 0	1350 0	1200 0	825 0 0

See! Readers! Look about ye! Here's Money enough to do a great deal of Mischief! But mind ye, lest it should do any of *you* Harm by taking any of it too light; Observe that a *Portugal* £ 3 12 0 should weigh 12gr. A six and thirty Piece, 9dw. 6gr. A *Moidore* 6dw. 18gr. *Louis d'Or* 6dw. 6gr. And a *Pistole* 4dw. 8gr.

A TABLE of the Rising, Southing, and Setting of the *Pleiades* on Seven Stars, for every fifth Day in the Year; whereby (on a clear Night), you may know the Hour of the Day very nearly.

Months & Days	Rise h. m.	South h. m.	Sets h. m.	Months & Days	Rise h. m.	South h. m.	Sets i. m.
January { 1 6 12 17 22 27	0A.28 0 6 11M39 11 17 10 56 10 35	8A.45 8 23 7 56 7 34 7 13 6 52	5M 2 4 40 4 13 3 51 3 30 3 9	July { 1 6 12 17 22 27	0M30 0 10 11A 49 11 29 11 9 10 49	8M47 8 27 8 6 7 46 7 26 7 6	5A. 4 4 44 4 23 4 3 3 43 3 23
February { 1 6 12 17 22 27	10 15 9 55 9 31 8 12 8 52 8 34	6 32 6 12 5 48 5 29 5 9 4 51	2 49 2 29 2 5 1 46 1 26 1 8	August { 1 6 12 17 22 27	10 30 10 10 9 48 9 29 9 10 8 52	6 47 6 27 6 5 5 46 5 27 5 5	3 4 2 44 2 21 2 2 1 44 1 26
March { 1 6 12 17 22 27	8 15 7 56 7 45 7 27 7 7 6 49	4 32 4 14 4 2 3 54 3 24 3 6	12A 49 12 30 12 19 12 1 11 41 11 23	September { 1 6 12 17 22 27	8 34 8 16 7 54 7 36 7 18 6 58	4 51 4 33 4 11 3 53 3 35 3 16	1 8 0 56 0 28 0 10 11M52 11 33
April { 1 6 12 17 22 27	6 31 6 13 5 51 5 33 5 14 4 55	2 48 2 30 2 8 1 54 1 31 1 12	11 5 10 47 10 25 10 7 9 48 9 16	October { 1 6 12 17 22 27	6 40 6 22 6 4 5 45 5 26 4 7	2 57 2 39 2 21 2 2 1 43 1 24	11 14 10 56 10 31 10 19 10 6 9 41
May { 1 6 12 17 22 27	4 37 4 17 3 58 3 38 3 18 2 58	0 54 0 34 0 15 11M54 11 35 11 15	9 11 8 51 8 32 8 12 7 52 7 32	November { 1 6 12 17 22 27	4 48 4 28 4 4 3 43 3 23 3 1	1 5 0 44 0 21 0A. 1 11 40 11 18	9 22 9 2 8 38 8 17 7 57 7 35
June { 1 6 12 17 22 27	2 38 2 18 1 54 1 34 1 12 0 51	10 55 10 35 10 11 9 49 9 29 9 8	7 12 6 52 6 28 6 6 5 46 5 25	December { 1 6 12 17 22 27	2 40 2 18 1 56 1 34 1 12 0 50	10 57 10 35 10 13 9 51 9 29 9 7	7 14 6 52 6 30 6 8 5 46 5 24

# Honest Poor Sir Robin, 1768.

A correct TABLE for the Buying or Selling of any Commodity by the great Hundred, which is 112 Pounds *Avendupoise*.

D. q.	l.	s.	d.	D. q.	l.	s.	d.	D. q.	l.	s.	d.	D. q.	l.	s.	d.				
1	-	2	4	6	1	2	8	4	12	1	5	14	7	18	1	8	10	4	
2	-	4	8	7	2	3	0	8	13	2	5	16	8	19	2	8	12	8	
3	-	7	0	8	3	3	3	0	14	3	5	19	0	20	3	8	15	0	
4	0	-	9	9	4	3	5	4	15	4	6	1	4	21	4	8	17	4	
5	1	-	11	10	5	3	7	8	16	5	6	3	8	22	5	8	19	8	
6	2	-	14	11	6	3	10	0	17	6	6	6	0	23	6	9	2	0	
7	3	-	16	12	7	3	14	4	18	7	6	8	4	24	7	9	4	4	
8	4	0	-	13	8	3	14	8	19	8	6	10	8	25	8	9	6	8	
9	5	1	1	14	9	3	17	0	20	9	6	13	0	26	9	9	9	0	
10	6	2	1	15	10	3	19	4	21	10	6	15	4	27	10	9	11	4	
11	7	3	1	16	11	3	4	1	8	22	7	17	8	28	11	9	13	8	
12	8	4	0	17	12	4	4	0	23	8	7	0	0	29	12	9	16	0	
13	9	5	1	18	13	4	6	4	24	9	7	2	4	30	13	9	18	4	
14	10	6	2	19	14	4	8	8	25	10	7	4	8	31	14	10	0	8	
15	11	7	3	20	15	4	11	0	26	11	7	7	0	32	15	10	3	0	
16	12	8	4	21	16	4	13	4	27	12	7	9	4	33	16	10	5	4	
17	13	9	5	22	17	4	15	8	28	13	7	11	8	34	17	10	7	8	
18	14	10	6	23	18	4	18	0	29	14	7	14	0	35	18	10	10	0	
19	15	11	7	24	19	4	5	9	4	30	15	7	16	4	36	19	10	12	4
20	16	12	8	25	20	4	5	1	8	31	16	7	18	8	37	20	10	14	8
21	17	13	9	26	21	4	5	5	0	32	17	8	1	0	38	21	10	17	0
22	18	14	0	27	22	4	5	7	4	33	18	8	3	4	39	22	10	19	4
23	19	15	1	28	23	4	5	9	8	34	19	8	5	8	40	23	11	1	8
24	20	16	2	29	24	4	5	12	0	35	20	8	8	0	41	24	11	4	0

## Examples.

At 4 pence 3 quarters per pound, what is the value of the great hundred? Look in the left-hand column for 4 pence 3 quarters, and over against it in the very next column to the right-hand, you'll find 2l. 4s. 4d. the price of the great hundred, at that rate per pound.

Again, suppose I (or you) buy or sell goods (no matter what sort) at thirteen pence halfpenny a pound, look for that sum in the fifth column, and directly against it in the sixth, you'll find just 6l. 6s. the exact price.

Or the price of a hundred pound weight being known, you may fall as easy find the price of a single pound; as suppose I give 2l. 15s. for a hundred of cheese, find that sum in the second column, and over against it in the first, I have 3 pence 3 quarters for the price of a single pound, &c.



# Honest Sir Poot Robin, 1768.

A TABLE shewing the Bearing, Distance, Longest Day and Difference of Meridians in Time, of several of the most principal Cities in this World, from the ancient and honourable City of LONDON.

NAMES of the PLACES.	Point of Bearing.	Dist. in Miles.	Lo. Da. h. m.	Difference in Time.
Alexandria, in <i>Egypt</i>	S. E. by E.	2169	14 00	2 42 A.
Amsterdam, in <i>Holland</i>	E. by N.	266	16 40	0 28 A.
Athens, in <i>Greece</i>	S. E. by E.	1642	14 40	0 56 A.
Babylon	E. S. E.	2724	4 23	3 56 A.
Bethsaida	S. E. by E.	2369	14 00	2 20 A.
Bermudas	W. S. W.	3409	14 10	4 56 A.
Calcutta, in <i>East-India</i>	S. E. by E.	5214	12 20	6 08 A.
Callais, in <i>France</i>	E. by S.	86	16 25	0 09 A.
Constantinople	E. S. E.	1547	15 15	2 24 A.
Dublin, in <i>Ireland</i>	N. W. by W.	296	17 15	0 26 A.
Dantzick	E. N. E.	961	17 05	1 44 A.
Damascus	E. S. E.	2404	4 15	7 16 A.
Edenburgh, in <i>N. Britain</i>	North.	328	17 40	0 00 A.
Ephesus	E. S. E.	1208	14 40	2 30 A.
Florence	S. E.	801	15 10	0 57 A.
Frankford	E. S. E.	418	16 15	0 47 A.
Hamburg	E. N. E.	538	18 00	0 56 A.
Jerusalem	S. E. by E.	2352	14 08	3 03 A.
Lisbon, in <i>Portugal</i>	S. S. W.	985	14 45	1 00 A.
Middleburgh, in <i>Zealand</i>	East.	205	16 30	0 20 A.
Mentz, in <i>Germany</i>	East.	410	16 25	0 40 A.
Morocco, in <i>Barbary</i>	S. S. W.	1449	14 00	0 28 S.
Mexico	W. by S.	6844	13 20	9 59 A.
Naples	S. E. by E.	1051	14 50	0 16 S.
Nineveh	E. S. E.	2635	14 30	3 52 S.
Paris, in <i>France</i>	S. S. E.	215	15 57	0 20 A.
Philippi, in <i>Macedonia</i>	E. S. E.	1395	15 10	2 10 A.
Prague, in <i>Bohemia</i>	East <i>ferè</i> .	790	16 15	1 14 A.
Quinzal	E. by S.	7272	13 35	1 28 A.
Rome	S. E. by E.	887	15 04	1 07 A.
Spire	E. by S.	440	16 02	0 46 A.
Starsburgh	E. by S.	432	16 06	2 41 A.
Toledo, in <i>Spain</i>	S. by W.	934	14 36	3 36 A.
Troy	E. S. E.	1605	15 00	2 02 S.
Tumber	S. W. by W.	6045	12 15	6 36 A.
Venice	E. S. E.	474	15 28	1 03 S.
Seville	S. by W.	950	14 40	0 52
York	North <i>ferè</i> .	150	17 00	0
LONDON.				

# Honest Poor Robin, Sir, 1768.

Of, and concerning the ECLIPSES that will happen this Year.

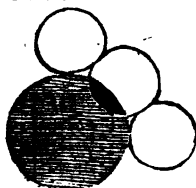
**B**UT, first and foremost, I think proper to advise my (ingenious) Readers, of which Sort (I flatter myself) there are many; I say and recommend them all *i. e.* every one of them to buy (Just publish'd, Price 2s. 6d.) upon a large Sheet of Fine Imperial Paper; COMPUTATIONS, together with the *Types* and *Times* of the Beginning, Middle, and End, of all the visible ECLIPSES of the SUN and MOON until the Year 1800 inclusive. This is a very Neat and Accurate Performance (dedicated to the Right Honourable EARL SPENCER) and does Honour to its AUTHOR, the Ingenious Mr. THOMAS HARRIS, of *Brinton*, near *Northampton*.

N. B. This Eclipse Sheet is Sold at Mr. PRIDDEN's, in *Fleet-Street*, LONDON.

This Year 1768, will afford just Half a Dozen Eclipses of the *Sun* and *Moon*; but they are not *all of them* to be looked at by *every Body*: No, no! But if you stay at *Home* and get a Sight of one *half of the half Dozen*, will be as much as I can reasonably expect; and you cannot do that neither, unless the Weather be fair, and the Air serene; and that will not do still for *two* of them, except you'll either sit up to wait on 'em, or rise out of your warm Beds by two or three o'Clock in the Morning, all which I freely leave to your own Choice and Consent; but, to save you that unnecessary Trouble, I will presently tell you all that I know about them, and shew you their *Types* (which I think will be far more handsome than the *crooked Man with his Hide as full of Darts and Daggers* as that of a *Porcupine*) and when I have done with the Times and Types, shall give you some of my best *Ast*-rological Judgment, how far, and how much, any or all of them shall or may effect *stale Maids* and *old Batchelors*, &c.

The first then, is a partial and a visible Eclipse of the Moon, on Monday the 4th of *January* in the Morning. Apparent Time at LONDON. Ends.

	h.	m.	s.
Beginning	3	13	19
Ecliptic Opposition	4	15	22
Middle	4	24	26
End	5	35	33
Duration	2	22	14
Digits Eclipsed	4°	57	49



Begins.

## Poor Sir Honest Robin, 1768.

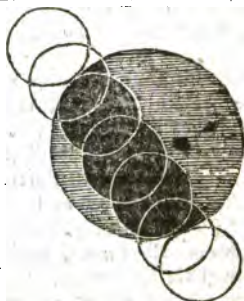
At the Beginning of this Eclipse the Moon will be vertical to the *Atlantic Ocean*, between *Cape Verde* Islands and the greater *Antilles*; at the Middle, to the *West Indian Sea*, a little East of the *Bahama* Islands; and at the End, vertical to the Island of *Cuba*, very near *Havannah*. &c.

The second is (I mean will be) an invisible Eclipse of the Sun, on Tuesday the 19th Day of *January*, near six o'Clock in the Evening; it will be *Annular*, and the Centre of the Shade will pass over the Northern Parts of *North America* in a North easterly Direction, from Latitude  $27^{\circ}$ ,  $17'$ . North in the *Pacific Ocean*, to Lat.  $59^{\circ}$ .  $36'$ . in *Canada*.

The third will be a *total* Eclipse of the Moon, on Thursday the 30th of *June*, in the Morning; and will be seen in *Great Britain* from the Beginning to the Moon's Setting, agreeable to the Calculation and Type here annexed: The Moon will set *totally* eclipsed, almost two Hours before the End of the Eclipse.

30 June, Morning LONDON Ap. T.

	h.	m.	s.	Ends.
Begins	2	17	3	
Central Ingression	2	47	39	
Total Immersion	3	23	4	
Eclipsic Opposition	3	49	47	
Middle	3	53	58	
Emersion	4	24	52	
Central Egression	5		17	
Ends	5	30	53	
Duration	3	13	50	
Central Duration	2	12	38	
Dura. total Darkness	1	1	48	
Digits Eclipsed	14	26	11	



Begins.

The Moon will be vertical at the Beginning of this Eclipse, to the *Ethiopic Ocean*; and the Middle, to the East of *Brazil*; and at the End, to the great *South Sea*.

The fourth will be an Eclipse of the Sun, and happen on Thursday the 14th of *July*, about two in the Morning; therefore invisible to this Part of the Globe.

The fifth of these Eclipses, is likewise of the Sun, on Friday the 9th Day of *December*, twenty-one Minutes past eight in the Morning; but quite invisible to all known Parts of *Earth*—or *Sea* either.

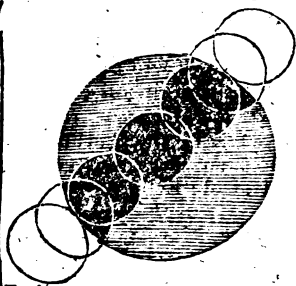
## Plain Poor Robin, 1768.

The sixth and last of all this Year's Eclipses, will be another Total one of the Moon; and falls so near the latter End of it, as the 23d of *December* in the Afternoon; when her *Ladyship* will Rise totally Eclipsed (that is to say with full as black a Face as she went to Bed the first Day of the last *June*; Therefore you need not expect to see any more of it than this Calculation determines.

23 Dec. Afternoon LONDON Ap. T.

Begins.

	h.	m.	s.
Beginning	1	18	37
Central Ingress	1	47	41
Total Immersion	2	16	51
Ecliptic Opposition	3	5	44
Middle	3	6	32
Emersion	3	56	13
Central Egress	4	25	23
End	4	54	27
Duration	3	53	50
Central Duration	2	37	41
Dura. total Darkness	1	39	23
Digits Eclipsed	20°	49	57



Ends.

At the Time this Eclipse begins, the Moon will be vertical to the *Eastern Ocean*; at the Middle to the *Chinese Sea*, East of the Island of *Formosa*; and at the End to the most southern Province of *China*: It will therefore be seen from the Beginning to the End, in all Parts of *Asia*; *East Indian Islands*; the East Parts of *Europe*, and *Africa*; and some Parts within the *Arctic Circle*; but only Part of it can be seen in the Western Kingdoms of *Europe*, because it begins before the Moon rises in these Countries.

Now; as, for, and concerning, what all, or any of these partial, or whole and total Eclipses, may, can, do, or will hereafter portend, with Regard to the Persons or Fortunes of *Single Maids* and old *Batchelors*; which ought to be both ranged in one and the same Class (except where it shall manifestly appear not to be the *Woman's Fault*) as they are open Violate of the great, and very first Command that was given by God to Mankind: *Increase and Multiply*.

But all these Eclipses inform me (if I be right in my *Judicials*) that the old *Batchelors* are most to be blamed, especi-

## Honest Poor Robin, 1768.

if they are Rich ; for, the Fault cannot lie on the *Woman*, if she happen never to be asked the *Question*.

Indeed the Profession of *some* Men, may render Marriage not only unnecessary, but very inconvenient also ; I mean *Soldiers*, *Excisemen*, and *P—* ; all, or most of which (*Venus* seems to indicate) ought to have the Discipline of *Castration* administered, in Order to qualify them properly for their several and respective Functions ; which might be a great Means to keep *old Maids*, from *young Maids*, rich *Maids* and *poor Maids*, from parting so easily with that old fashion'd Thing called Reputation ; which, that they *all* may preserve unspotted till they get suitable *Husbands* ; as well as the Men, till they shall find out agreeable *Wives*, take the following Hint :

To travel, far as the wide World extends,  
Seeking for Objects that deserv'd their Care,  
VIRTUE set forth, with two selected Friends, -  
Talent refin'd, and Reputation fair.  
As they went on, in their projected Round,  
Talent spoke first : " My gentle *Comrades*, say  
" Where each of you may probably be found,  
" Should Accident divide us on our Way.  
" If torn (she added) from my lov'd Allies,  
" A friendly Patronage I hope to find,  
" When the fine Arts from Cultivation rise,  
" And the sweet Muse hath harmoniz'd Mankind."  
Says VIRTUE : " Did Sincerity appear,  
" Or meek-ey'd Charity amongst the Great ;  
" Could I find Courtiers from Corruption clear,  
" 'Tis amongst *These* I'd seek for my Retreat.  
" Could I find Patriots for the public Weal  
" Assiduous ; and without their *selfish* Views :  
" Could I find Priests of undissembled Zeal,  
" 'Tis amongst *those* my Residence I'd choose.  
" In glist'ring Domes let Luxury reside,  
" I must be found in some sequester'd Cell,  
" Far from the Paths of *Avarice* or *Pride*,  
" Where home-bred Happiness delights to dwell."  
" You may be trac'd, my gentle *Friends*, 'tis true,  
" But who (says Reputation) can explore  
" My slippery Steps ? Keep ! keep *Me* in your View :  
" If I'm once lost, you'll never find *Me* more !"

## Plain and Honest Poor Robin, 1768.

But to proceed, Astrologers may Cant; and will Cheat you too; if you will be such Fools to believe them: They would make you imagine that the Stars can affect our Minds, our Bodies, and all our voluntary and moral Actions; but (by their Leave) I'll make bold to aver that *Gold* is the *King* which always had, and ever will have Predominancy over the Actions of Mankind, more than all the Schemes they can possibly contrive, either under benign or malign Aspects: For,

**GOLD!** Gold is lovely to the Eyes;

What Charms is in a Bribe!

'Tis for thy Sake they'd Naturalize

A *crucifying* Tribe.

The crafty *Lawyers* often lye

And pawn their Souls for *Thee*;

The *Criminal* that's doom'd to Die,

Is by thy Pow'r set free.

In Northern Climes for Want of *Thee*,

*Highlanders* did rebel;

The *Dutchmen* did their Country

For Lucre of *Thee* sell.

*Whitefeld* can quickly cure your Soul,

When Conscience makes sad Moan;

And *Rock* can make your Body whole,

The' rotten to the Bone.

Unless they think their Bargain sure

For **GOLD** they've such an Itch,

One soon forgets the Way to Cure,

And t'other how to preach.

That Modesty which you behold

In *Chloe's* all a Cheat;

Attack her Virgin Fort with **GOLD**,

You'll soon the Conquest get.

But to be serious, I beg Leave to give the Reader the ingenious and learned Mr. *White's* Opinion of *judicial Astrology*; and I venture to call him the Prince of *practical Astronomers*. "I have (says he) omitted what I call fallacious Prognostications, such as Predictions of the Weather, Mutations in human Affairs, and indeed all the Nonsense of judicial Astrology; for I am very certain, that all Predictions of the Weather, deduced from the Aspects and Configurations of the Planets, are a mere Jest; and they who pretend to them, are found by Experience, to be no better than Adepts in Delusion,

## Very Poor Robin; 1768.

lusion, and Connoisseurs in Deceit, &c. He adds. "And I am likewise as certain, that it is no better than an idle Dream, to imagine that the Stars and Planets, which are Masses inanimate, unconscious of their own and all other Beings, should have any Influence over Human Events; since Man is a rational Creature (independent of the Stars) either to Act, or forbear Action. And, tho' *Mars* is said by some to kill his Thousands, and *Saturn* his Ten Thousands, yet upon a judicious Enquiry into the Nature of these two reputed celestial Homicides, the first will be found as harmless as a *Dove*, and the last as innocent as *Abel*. "And for my Part (says he) while the Lord of the Universe is my Protector and Preserver, I shall not fear the imaginary Fury of *Mars*, or the pretended malicious Influence of *Saturn*, any more than I dread the Wrath and Indignation of the Pope of *Rome*, or Grand Seigneur."

The *Spezator* observes that "an old Maid troubled with the Vapours, produces infinite Disturbances among her Friends and Neighbours. "I know (says he) a Maiden Aunt of a great Family, who is one of these antiquated *Sibyls*, that forebodes and prophesies from one End of the Year to the other. She is always seeing Apparitions, and hearing Death-watches; and was the other Day almost frightened out of her Wits by the great House Dog, that howled in the Stable at a Time when she lay ill of the Foot-ach." Such an extravagant Cast of Mind, engages Multitudes of People, not only in impertinent Terrors, but in supernumerary Duties of Life; and arises from that Fear and Ignorance which are natural to the Soul of Man. The Horror with which we entertain the Thoughts of Death (or indeed of any future Evil) and the Uncertainty of its Approach, fill a melancholy Mind with innumerable Apprehensions and Suspicions, and consequently dispose it to the Observation of such groundless Prodigies and Predictions. For, as it is the chief Concern of wise Men to retrench the Evils of Life by the Reasonings of Philosophy, it is the Employment of Fools to multiply them by the Sentiments of Superstition.

"For my own Part, I should be very much troubled were I endowed with this divining Quality, tho' it should inform me truly of every Thing that can befall me. I would not anticipate the Relish of any Happiness, nor feel the Weight of any Misery, before it actually arrives."

"J"

## Poor Robin Poor, 1768.

"I know but one Way of fortifying my Soul against these gloomy Presages and Tremors of Mind, and that is, by securing to myself the Friendship and Protection of that *Being* who disposes of Events, and governs Futurity. He sees, at one View, the whole Thread of my Existence, not only that Part of it which I have already passed through, but that which runs forward into all the Depths of Eternity. When I lay me down to Sleep, I recommend myself to his Care; when I awake, I give myself up to his Direction. Amidst all the Evils that threaten me, I will look up to him for Help, and question not but He will either avert them, or turn them to my Advantage. Though I know neither the Time nor the Manner of the Death I am to die, I am not at all solicitous about it; because I am sure that He knows both, and that He will not fail to comfort and support me under them."

Now for the Four Quarters of this Year, the first of which (after *Winter* is over and gone) will be the *SPRING*.

But, let me beg my good Readers Leave for once, to give him a Picture, or Description of them all, as they naturally followed one another some Years ago, when (in a Dream) they were represented as follows:

"The first Person whom I saw advancing towards me, was a Youth of a most beautiful Air and Shape, tho' he seemed not yet arrived at that exact Proportion and Symmetry of Parts which a little more Time would have given him; but, however, there was such a Bloom in his Countenance, such Satisfaction and Joy, that I thought it the most desirable Form that I had ever seen. He was clothed in a flowing Mantle of green Silk, interwoven with Flowers: he had a Chaplet of Roses on his Head, and a *Narcissus* in his Hand; Primroses and Violets sprang up under his Feet, and all Nature was cheered at his Approach. *Flora* was on one Hand, and *Vernum* on the other in a Robe of changeable Silk."

"After this I was surpris'd to see the Moon-beams reflected with a sudden Glance from Armor, and to see a Man completely armed advancing with his Sword drawn. I was soon informed by the Genius that it was *Mars*, who had long usurp'd a Place among the Attendants of the *SPRING*. He made Way for softer Appearances: It was *Venus*, without any Ornament but her own Beauties, nor so much as her own *Cestus*, with which she had encompass'd a Globe, which she held in her Right hand, and in her Left she had a Scepter of Gold. After her followed the *Graces*, with their Arms entwined within one another: Their Girdles were loosed, and they moved to the Sound of soft Music, striking the Ground alternately with their Feet."

"Then came up the three Months which belong to this Season. As *March* advanced toward me, there methought, in his Look, a louring Roughness, which ill befit a Month that was ranked in so soft a Season; but as he came forwards, his Features became insensibly more mild and gentle: He smoothed his Brow, and looked with so sweet a Countenance that I could not but lament his Departure, tho' he made Way for *April*."

"He



## Very Poor Poor Robin, 1768.

"He appeared in the greatest Gaiety imaginable, and had a thousand Pleasures to attend him: His Look was incessantly clouded, but immediately was turned to its first Composure, and remained fixed in a Smile. Then came *May*, attended by *Cupid*, with his Bow strung, and in a Posture to let fly an Arrow: As he passed by, methought I heard a continued Noise of soft Compliments, gentle Ecstasies, and tender Sighs of Lovers, Vows of Constancy, and as many Compliments of Perfection; all which the Winds wafted away as soon as they had reached my hearing."

"After these I saw a Man advance, in the full Prime and Vigour of his Age: His Complexion was sanguine and roddy, his Hair black, and fell down in beautiful Ringlets beneath his Shoulders; a Mantle of Hair colour'd Silk hung loosely upon him: He advanced with an easy Step after the Spring, and caught out the Shade and cool Fountains which played in the Garden. He was particularly well pleased with a Troop of *Zephyrs* which fanned him with their Wings: He had two Companions who walked on each Side, that made him appear the most agreeable, the one was *Aurora*, with Fingers of Roses, and her Feet dewy, attired in Gray: The other was *Vesper*, in a Robe of Azure beset with Drops of Gold, whose Bright he caught while it passed over a Bundle of Honey-suckles and Tuberoles which he held in his Hand. *Pan* and *Ceres* followed them with four Reapers, who danced a Morrice to the Sound of Organ-Pipes and Cymbals. Then came the attendant Months. *June* retained still some small Likeness of the Spring; but the other two seemed to step with a less vigorous Tread; especially *August*, who seemed almost to faint, whilst for half the Steps he took, the *Dog-star* levelled his Ray 'till at his Head."

"They passed on, and made Way for a Person that seemed to bend a little under the Weight of Years; his Beard and Hair, which were full grown, were composed of an equal Number of black and grey; he wore a Robe which he had girt about him of a yellowish Cast, not unlike the Colours of fallen Leaves, which he walked upon; I thought he hardly made Amends for expelling the foregoing Scene by the large Quantity of Earth which he bore in his Hands. *Plenty* walked by his Side with an healthy fresh Countenance, pouring forth from an Horn all the various Products of the Year. *Pomona* followed with a Glass of Cyder in her Hand, with *Bacchus* in a Chariot drawn by Tygers, accompanied by a whole Troop of *Satyrs*, *Fauns*, and *Sylwans*."

"*September*, who came next, seemed in his Looks to promise a new Spring, and wore the Livery of those Months. *October* was all soiled with the Juice of Grapes, as if he had just come from the Wine-press. *November*, though he was in the Division, yet by the many Steps he made, looked rather inclined to the *Winter*, which followed close at his Heels. He advanced in the Shape of an old Man in the Extremity of Age: The Hair he had was so very white it seemed a real Snow; his Eyes were red and piercing, and his Beard hung with a great Quantity of Icicles: He was wrapped up in Furs, but yet so pinched with Excess of Cold that his Limbs were all contracted, and his Body bent to the Ground, so that he could not have supported himself had it not been for *Comus* the God of Revels, and *Necessity* the Mother of *Fate*, who sustained him on each Side. The Shape and Mantle of *Comus* was one of the Things that most surprised me; as he advanced towards me, his Countenance seemed the most desirable I had ever seen: On the fore Part of his Mantle was pictured Joy, Delight, and Satisfaction, with a thousand Emblems of Merriments and jests, with Faces looking two Ways at once; but, as he passed from me, I was amazed at a Shape so little correspondent to his Face: His Head was bald, and all the rest of his Limbs appeared old and deformed. On the hinder Part of his Mantle was represented Murder, with dishevelled Hair and a Dagger all blood

## Poor (and *Honest*) Robin, 1768.

in a Robe of Scarlet, and Suspicion squinting with both Eyes; but above all the most conspicuous was the Battle of the *Lapithæ* and *Centaurs*. I detested to hideous a Shape, and turned my Eyes upon *Saturn*, who was stealing away behind him with a Scythe in one Hand and an Hour-glass in the other, unobserved. Behind *Necessity* was *Vesta* the Goddess of Fire, with a Lamp which was perpetually supplied with Oil, and whose Flame was eternal. She cheered the rugged Brow of *Necessity*, and warmed her so far as almost to make her assume the Features and Likeness of *Choice*."

"*December, January, and February*, pass'd on after the rest all in Furs; there was little Distinction to be made amongst them, and they were more or less displeasing as they discovered more or less Haste towards the grateful Return of the welcome *Spring*."

These Months may very well be said to have a near Resemblance to an old *Bachelor*; who, if not a mere *cumber-ground*, ought to be looked upon as the most *useless* Creature in the World: For, mind now what he says; or at least what others may venture to say for him:

Fain I'd know the Joys of Love,  
But in Joy too nice I prove;  
She who will not, her I chuse;  
She who would, I will refuse.  
Nymphs I follow who are coy;  
From the willing Maids I fly:  
Dull th' Embrace, and cold the Kisses,  
Without Gift is proffer'd Bliss:  
But, deny me, they inspire  
Eager Transports, fond Desire;  
For, in Love an equal Measure  
I'd enjoy of Pain and Pleasure:  
*Pleasure*, just to give a *Pain*,  
Torture just to please again.  
If I must *Love*, a Maiden find  
Suited to my fickle Mind;  
Let me one amphibious get  
Betwixt a *Prude* and a *Coquette*;  
Not as *Venus*, loose and bold;  
Not as *Dian*, chaste and cold:  
*This* can have no Taste for Joy,  
*That* with mere Excess would cloy:  
But give to me a *Girl* with Skill  
Who says she will not, and yet will;  
Who denies to be carest'd,  
Yet consents to make me blest'd;  
Blest'd her self in *Love's* full Joy,  
'Midst her Raptures who seems coy:  
Who, tho' long I Love pursue  
Still can make that Love be new:

And,

## Poor Poor Robin, 1768.

And, tho' nice in Joy I prove  
Give me all the Joys of Love;  
Varying with a pleasing Skill  
That she will not, — yet she will.

The Way to avoid the Reputation of Impudence, is not to be ashamed of what we do; but never to do what we ought to be ashamed of.

Now therefore (for I would not be quite out of the Fashion) let me see if I can poke out an Handful of Astrological Predictions: When *Jupiter* is Ascendant in the tenth House, portends a great Dearth of Honesty among Whores. — *Venus* in Conjunction copulative with *Mars*; shews that many Men will be jealous of their Wives Honesty; who are the less to be blamed, because a dangerous Fear is better than a fearless Danger. *Mercury* being in the Cusp of *Taurus* (or the Neck and Throat) portends ill Luck to those who are to be hanged, either this Year or the next; and to such as have married scolding Wives; as well as those who trade with *Frenchify'd* Ladies of Pleasure: And *Saturn* radix combust with *Luna*, denotes Plenty of Sprats, and a Scarcity of Butter, which shall or will perhaps cause many to boil them; but *Albumazar* says they are much better fryed:

*Simplicius Silicensis*, an ancient Astrologer, in an elaborate Volume de *Revolutions Whirligigum*, Lib. 37. Cap. 28. says; that when *Venus* and *Hercules* in Biquintile meeting with *Sol*, it certainly portends Abundance of Business for Chimney-Sweepers and Gold-finders: And that *Mars* when retrograde to *Saturn* and in semisextile with *Luna*, it apparently forebodes that Fiddlers and Ballad Singers shall lead extraordinary merry Lives: When *Jupiter* draws near to the fiery Trigon, and *Juno* in Tune with *Apollis*; whoever shall happen to be hungry shall have an Appetite to eat; those who are athirst shall have as good a Will to drink; and those who have got the Itch will be much given to Scratching.

*Virgo* in malign Aspect with the *Dragon's Tail*, portends the Death of some fine *French* Lady, whose tender Heart shall be broke with Love; which will break the Heart of some great *French* Gentleman Usher; which also breaks the Heart of a gaudy fine *French* waiting Gentlewoman; which consequently breaks the Heart of a fashionable *Taylor*; which breaks the heart of his Maid Servant; which breaks the Heart of the eldest Prentice; and that breaks the Heart of a young Sempstress; and that, at last of all will break the Heart of some School-Boy.

*Jupiter* in Tridicile with *Cancer*, will cause much hot Weather, which will cause the Grass to be scorched up, which will cause the Cows to give but little Milk, which will cause Butter and Cheese to be very dear, which will cause poor Whores who must have Tea twice a Day to Grumble, which will cause their Bullies to slight them; but *Mars* having a Share in the Gubernation, we cannot expect much Reformation among the Collegians of *Newgate*; nor that those who are born to be Hanged will ever be Drowned.

*Saturn* when Quadrate to *Sol*; many strange foolish Children shall be born, who when they come of Age, shall not be able to know their own Fathers; a general Lying of most People to drink what Liquors they love the best: Much Sickness will follow: The small Pox amongst young Children, and the great Pox among Rogues and Whores: More shall go Sober into Taverns and Alehouses than shall not come so out: The falling Sickness shall be common with Drunkards: Many Women shall be troubled with the Scurvy and dogged Humours; and generally not one Tradesman in Ten, that will always speak nothing but downright Truth to his Customers.

I think *Poor Robin* has said enough for this Year; and hopes his Reader will be glad to see him appear again the next: therefore with an  
to Christmas Day, he bids the Reader farewell.

WELL

Poor Robin, 1768.

WELCOME, thrice welcome CHRISTMAS-DAY !  
 Let's eat, drink, dance; let's sing and play;  
 Old *England* ne'er had stronger Reason  
 To welcome in this joyful *Season* !  
 Mark high and low, and all around us,  
 And know the blessing that surround us.  
 Let them in all their Pomp appear;  
 Sure Omens of an happy Year!  
 First turn your Eyes upon the Great,  
 When did such Virtues rule the State?  
 Their Country's Good their whole Attention,  
 Without a Thought of Place or Pension!  
 Of Parts or Pow'r no Prostitution  
 Of Liberty, no Diminution;  
 Sound as a *Roach* our Constitution!  
 Which stand grown, by our feeding;  
 Is now quite cool with frequent Bleeding:  
 Great *Lawyers*, with our Good at Heart,  
 Now ev'ry Day new Doctrines start,  
 For Freedom and for *Magna Chart* !  
 Our *Clergy* too, all Int'rest scorning,  
 Are Teaching, Preaching, Night and Morning,  
 To keep their Flocks secure at Home,  
 And save them from the *Wolves* of Rome;  
 So by their Zeal (which never ceases)  
 The Growth of *Papery* decreases:  
*Physicians* now cure each Disease,  
 They take great Pains, and little Fees;  
 Nothing but Learning, Parts, and Knowledge,  
 Can give a Pass-port to the *College*;  
 No *Physic*'s sold for Nerves or Vapours,  
 No quacking Nostrums fill the Papers;  
 These are the Gifts the Great have sent ye,  
 For all is Concord, Peace, and Plenty!  
 The Poor as fat as Brawn, we meet  
 Eating *Mince-Pies* along the Street;  
 These Times are Sung by Great and Small,  
 A *Merry-Christmas* to us all;  
 And certainly, by what is past,  
 The next *New-Year* will Top to last.

F I N I S.

THE  
*English* APOLLO;  
OR,  
Useful COMPANION:  
Assisting

All Persons in the Right Understanding the  
Science of TIME, Past, Present, and to Come.

Particularly applied to this Present YEAR

1768.

Being the BISSEXTILE, or LEAP-YEAR.

Containing a Compleat *English* Kalendar, the  
Times of the Sun's Rising and Setting; the Rising  
and Setting of the Moon, Planets, and Fixed Stars,  
The Moon's Soothing, and Time of Full Sea at all  
the Principal Ports in *England*; and other Parts of  
*Europe*. The Increase and Decrease of Days. The  
Regulation of Clocks and Watches. And other  
Things Necessary in a Work of this Nature.

To which is added,

An exact Account of the Eclipses, and various  
Seasons of the Year: A curious Chronology from  
the Beginning of Time: Some necessary Tables;  
And other Particulars both *Useful* and *Entertaining*.

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By *RICHARD SAUNDERS, GENT.*

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LONDON: Printed for the COMPANY  
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Price [Stitch'd] Nine-Pence.

# Terms, and their Returns for 1768.

Hilary Term Begins *Jan. 23.* Ends *Feb. 12*

Returns or Effoign-days.				Exc.	Rets	Ap	W. da.
Eight days of St. Hilary,	<i>Jan. 20</i>	21	22	23			Saturd.
From the day of St. Hilary in 15 days,	27	28	29	30			Saturd.
On the mor. of Purif. of bleſſ. Mary	<i>Feb. 3</i>	4	5	6			Saturd.
8 days of Purif. of bleſſ. Mary	9	10	11	12			Friday

Easter Term Begins *April 20,* Ends *May 16.*

From the day of Easter in 15 days	<i>April 17</i>	18	19	20			Wedn.
From the day of Easter in 3 weeks	24	25	26	27			Wedn.
From the day of Easter in 1 month	<i>May 1</i>	2	3	4			Wedn.
From the day of Easter in 5 weeks	8	9	10	11			Wedn.
On the morrow of the Ascension	13	14	15	16			Mond.

Trinity Term Begins *June 3* Ends *June 22.*

On the morrow of the holy Trin.	<i>May 30</i>	31	1	2			Friday
Eight days of the holy Trinity	5	6	7	8			Wedn.
From the day of holy Trin. in 15 days	12	13	14	15			Wedn.
From the day of holy Trin. in 3 weeks	19	20	21	22			Wedn.

Michaelmas Term Begins *Nov. 6.* Ends *Nov. 28.*

On the morrow of All Souls.	<i>Nov. 3</i>	4	5	6			Mond.
On the morrow of St. Martin,	12	13	14	15			Tueſd.
Eight days of St. Martin,	18	19	20	21			Mond.
From the day of St. Martin in 15 days,	25	26	27	28			Mond.

N. B. No Sittings in *Westminster-Hall* upon Ascension-day, Midsummer-day, and the 2d of February.

The *Exchequer* opens eight Days before any Term, except *Trinity*, before which it opens only four Days.

Note, That the first and last Days of every Term, are the first and last Days of Appearance.

## Common Notes and Moveable Feasts, 1768.

Golden Number	2	Rogation-Sunday	<i>May 8</i>
past	11	Ascension-Day	<i>May 12</i>
ominical Letters	C B	White-Sunday	<i>May 22</i>
ycle of the Sun	13	Trinity-Sunday	<i>May 29</i>
rove-Sunday	<i>Feb. 14</i>	Advent-Sunday	<i>Nov. 27</i>
fter-Sunday	<i>April 3</i>		

# A TABLE of the KINGS and QUEENS of England since the Conquest.

Names of KINGS.	Born	When Ann. Began to reign.	Reign. Y. M.	Since their Reign ended.	Where Buried
William 1	1029	1066, Octob. 14	20 11	1081, Septem. 9	Caen (Nor
William 2	1056	1087, Sept. 9	32 11	1088, August 2	Winchest.
Henry 1	1068	1100, Aug. 2	35 4	1133, Decemb. 1	Reading
Stephen	1105	1135, Dec. 1	18 11	1154, Octob. 25	Reverthan

## The Saxon Line restor'd.

Henry 2	1132	1154, Octo. 25	22 9	1179, July 6	Pointe ve
Richard 1	1155	1189, July 6	34 9	1199, April 6	Pointe ve
John	1165	1199, April 6	34 17	1216, Octob. 19	Worcester
Henry 3	1207	1216, Octo. 19	9 56	1272, Nov. 16	Westmin.
Edward 1	1239	1272, Nov. 16	34 8	1290, July 7	Westmin.
Edward 2	1283	1307, July 7	24 19	1327, Jan. 25	Gloucester
Edward 3	1312	1326, Jan. 25	14 51	1377, June 21	Westmin.
Richard 2	1366	1377, June 21	11 22	1399, Sept. 29	Westmin.

## The Line of Lancaster.

Henry 4	1367	1399, Sept. 29	32 13	1413, March 20	Canterb.
Henry 5	1386	1413, Mar. 20	27 9	1422, August 31	Westmin
Henry 6	1421	1422, Aug. 31	1 38	1461, March 4	Windfor.

## The Line of York.

Edward 4	1461	1461, Mar. 4	1 25	1483, April 9	Winchest
Edward 5	1471	1483, April 9	12 0	1483, June 18	Not know
Richard 3	1483	1483, June 18	12 2	1485, August 22	Leicester

## The Families United.

Henry 7	1455	1485, Aug. 22	30 23	1509, April 22	Westmin
Henry 8	1491	1509, April 22	18 17	1547, Jan. 28	Windfor
Edward 6	1537	1547, Jan. 28	10 8	1553, July 6	Westmin.
Qu. Mary	1518	1553, July 6	35 5	1603, Nov. 17	Westmin
Qu. Eliz.	1533	1558, Nov. 17	25 44	1603, March 24	Westmin

## The Two Kingdoms in the same Line.

James 1	1566	1603, Mar. 24	37 22	1625, March 27	Westmin
Charles 1	1600	1625, Mar. 27	25 10	1649, Jan. 30	Windfor
Charles 2	1630	1649, Jan. 30	19 36	1685, Februar. 6	Westmin
James 2	1633	1685, Feb. 6	52 0	1702, Februar. 13	S. Germ
Wil. & M.	1650	1689, Feb. 13	39 13	1702, March 8	Westmin
Qu. Anne	1665	1702, Mar. 8	37 12	1754, August 1	Westmin
George 1	1660	1714, Aug. 1	54 12	1760, June 11	Hanove
George 2	1683	1727, June 11	44 33	1760, Octob. 25	Westmin
George 3	1738	1760, Octo. 25	22 5	Whom GOD long Prosper.	

You here may see a Race of Monarchs Great,  
And in what Time each took the Royal Seat:  
GOD set them up, the Subjects did them Crown,  
The greatest Rebel dares not pull them down:  
If some were Bad, who durst them Tyrants call?  
Since Good, or Bad, they're GOD's Vicegerents all.

# TABLE of Simple Interest, at 5 $\frac{1}{2}$ per Cent.

Principal	1 Week	1 Month	2 Months	3 Months	6 Months	1 Year
£. s. d.	£. s. d.	£. s. d.	£. s. d.	£. s. d.	£. s. d.	£. s. d.
Shill.	5 0 0	0 10 0	0 0 2	0 0 3	0 1 2	0 3 0
10	0 0 0	0 0 2	0 1 0	0 1 2	0 3 0	0 6 0
15	0 0 0	0 0 3	0 1 2	0 2 1	0 4 2	0 9 0
Pounds.	1 0 0	1 0 0	2 0 0	3 0 0	6 0 0	12 0 0
2	0 0 2	2 0 0	4 0 0	6 0 0	12 0 0	24 0 0
3	0 0 3	3 0 0	6 0 0	9 0 0	18 0 0	36 0 0
4	0 1 0	4 0 0	8 0 0	12 0 0	24 0 0	48 0 0
5	0 1 6	5 0 0	10 0 0	15 0 0	30 0 0	60 0 0
6	0 2 0	6 0 0	12 0 0	18 0 0	36 0 0	72 0 0
7	0 2 6	7 0 0	14 0 0	21 0 0	42 0 0	84 0 0
8	0 3 0	8 0 0	16 0 0	24 0 0	48 0 0	96 0 0
9	0 3 6	9 0 0	18 0 0	27 0 0	54 0 0	108 0 0
Tens of Pounds.	10 0 0	10 0 0	20 0 0	30 0 0	60 0 0	120 0 0
20	0 2 2	0 10 0	0 1 8	0 2 6	0 5 0	0 10 0
30	0 3 0	0 1 8	0 3 4	0 5 0	0 10 0	0 15 0
40	0 4 0	0 2 6	0 5 0	0 7 6	0 15 0	0 20 0
50	0 5 0	0 3 4	0 6 8	0 10 0	0 20 0	0 25 0
60	0 6 0	0 4 2	0 8 4	0 12 6	0 25 0	0 30 0
70	0 7 0	0 5 0	0 10 0	0 15 0	0 30 0	0 35 0
80	0 8 0	0 6 0	0 11 8	0 17 6	0 35 0	0 40 0
90	0 9 0	0 7 0	0 13 4	0 20 0	0 40 0	0 45 0
Huns. of Pounds.	100 0 0	10 0 0	20 0 0	30 0 0	60 0 0	120 0 0
200	0 2 0	0 16 8	0 1 13 4	0 2 10 0	0 5 0 0	0 10 0 0
300	0 3 0	0 1 5	0 2 10 0	0 3 15 0	0 7 10 0	0 15 0 0
400	0 4 0	0 1 13 4	0 3 6 8	0 5 0 0	0 10 0 0	0 20 0 0
500	0 5 0	0 2 1 8	0 4 3 4	0 6 5 0	0 12 10 0	0 25 0 0
1000	0 10 0	0 4 3 4	0 8 6 8	0 12 10 0	0 25 0 0	0 50 0 0

To find the Interest of 747 Pounds 10 Shillings, for a Year, Three Months, and One Week.

	1 Year	3 Months	1 Week	For the	£. s. d. q.
Po. } 700	35 0 0	8 15 0	0 14 7	Year.	37 7 60
40	2 0 0	10 0 0	0 10 0		
7	0 7 0	1 9 0	0 1 3	3 Months	9 6 10 2
Sh. } 10	0 0 6	0 1 2	0 0 0	1 Week	0 15 6 3
	37 7 60	6 10 2	0 15 0 3	Total	47 9 11 5

By this Operation you will see the Interest of 747 £. 10s. for 1 Year, 3 Months, and 1 Week, comes to 47 £. 9s. 11d. 5q. In the like manner you must work for any other Sum.



**A TABLE, Shewing the Value of any Number of Pieces of Foreign Gold, in English Pounds, Shillings, and Pence.**

N <sup>o</sup> . of Pieces.	Portugal Pieces,		Moidores		Luisd'Ors		Pistoles	
	3l. 12s.	1l. 16s.	1l. 7s.		1l. 4s.		16s. 6d.	
2	7 4	3 12	2 14		2 8		1 13	c
3	10 16	5 8	4 1		3 12		2 9	6
4	14 8	7 4	5 8		4 16		3 6	0
5	18 0	9 0	6 15		6 0		4 2	6
6	21 12	10 16	8 2		7 4		4 19	c
7	25 4	12 12	9 9		8 8		5 15	6
8	28 16	14 8	10 16		9 12		6 12	c
9	32 8	16 4	12 3		10 16		7 8	6
10	36 0	18 0	13 10		12 0		8 5	c
20	72 0	36 0	27 0		24 0		16 10	c
30	108 0	54 0	40 10		36 0		24 15	c
40	144 0	72 0	54 0		48 0		33 0	c
50	180 0	90 0	67 10		60 0		41 5	c
60	216 0	108 0	81 0		72 0		49 10	c
70	252 0	126 0	94 10		84 0		57 15	c
80	288 0	144 0	108 0		96 0		66 0	c
90	324 0	162 0	121 10		108 0		74 5	c
100	360 0	180 0	135 0		120 0		82 10	c
200	720 0	360 0	270 0		240 0		165 0	c
300	1080 0	540 0	405 0		360 0		247 10	c
400	1440 0	720 0	540 0		480 0		330 0	c
500	1800 0	900 0	675 0		600 0		412 10	c
600	2160 0	1080 0	810 0		720 0		495 0	c
700	2520 0	1260 0	945 0		840 0		577 10	c
800	2880 0	1440 0	1080 0		960 0		660 0	c
900	3240 0	1620 0	1215 0		1080 0		742 10	c
1000	3600 0	1800 0	1350 0		1200 0		825 0	c
5000	18000 0	9000 0	6750 0		6000 0		4125 0	c
10000	36000 0	18000 0	13500 0		12000 0		8250 0	c

**Note.** A Portugal 3l. 12s. weighs 18 dwt. 12 gr. A Portugal 36s. weighs 9 dwt. 6 gr. A Moidore at 27s. weighs 6 dwt. 18 gr. A Double Luisd'Or at 24s. weighs 6 dwt. 6 gr. And a Pistole at 16s. 6d. weighs 4 dwt. 8 grains.

The 4th Column in the Left-hand Pages in the following Months is the Hour and Minute of the Moon's Southing; whose Use is to find the Times of High-Water, and true Hour of the Night, as follows.

I To find Time of High-Water in most Ports of England  
Take the Time of the Moon's Southing for the Day proposed, and to that Add the Hours and Minutes which stand against the Place requir'd in the following Table of Sea Coasts, and the Sum will be the Time of High-Water at the Place requir'd on that Day.

#### A TABLE of the Sea-Coasts.

<i>Portsmouth, Quinborough, Southampton,</i>	0	00
<i>Raibster, Wimbelsia Flushing,</i>	0	45
<i>Downs, Gravesend, Ramkins, Guernsey,</i>	1	30
<i>Denbigh, Bell-Isle, Holy-Isle, Downs-Head,</i>	2	15
<i>Tinmouth, Whitby, Hartlepool, London,</i>	3	00
<i>Scarborough, Berwick, Flushing, Staple,</i>	3	45
<i>Flamborough, Humber, Bridlington-Bay,</i>	4	30
<i>Plymouth, Ramsey, Newcastle, Sower,</i>	5	15
<i>Lynn, Fosdyke, Hull, Weymouth, Dartmouth,</i>	6	00
<i>Boston, Start-Point, Faulness, Bristol-Key,</i>	6	45
<i>Bridgwater, Milford-Haven, Lizard, Wintertown,</i>	7	30
<i>Yarmouth, Isle of Wight, the Needles,</i>	8	15
<i>Isle of Man, Orkney, Pool, South-Foreland</i>	9	10
<i>Dover, Harwich, Oxfordefesi, Bullen,</i>	10	10
<i>Rye, Solebay, Margate-Road,</i>	11	15

II. To find the Hour of the Night by the Shadow of the Moon on a Sun-Dial.

1. When the Shadow falls precisely on the Hour 12, then the Time of the Moon's Southing, found as above-mention'd, is the exact Time of Night. But in other Cases,

2. If the Shadow wants of 12, see how much it wants of it; which Time subtracted from that of the Moon's Southing, leaves the Time of Night. Note, You must add 12 Hours to the Moon's Southing, if need be.

3. If the Shadow has pass'd 12, add the Time that it has pass'd to the Time of the Moon's Southing; the Sum will be the Time of Night required; abating Hours from that Sum, if need be.

## The following Almanack Explain'd.

**T**HE *Left-Hand Pages*.] Under the New, Full, and Quarters of the Moon, contain Seven Columns.

The first Column towards the Left-hand, are the Days of the Month. The second the Days of the Week. The third Column contains all the Fasts and Festivals of the Church of *England*, and other Remarkable Days.

The 5th Column is the Time of the Moon's Southing: You have Directions how to make Use thereof in finding the Time of High-Water, and Hour of the Night in the preceding Page, which I will here further explain by an Example: Suppose I would know the Time of High-Water at *Scarborough* on the 12th Day of *January*, this Year: The Time of the Moon's Southing that Day, is 5 Hours 42 Minutes, to which add 3 Hours 45 Minutes, (the Time against *Scarborough* in the preceding Table) and you will have 27 Minutes after 9 in the Evening, for the Time of High-Water required.

The 4th Column is the Time of the Moon's Rising and Setting: The 6th is the Time of High-Water at *London-Bridge*, exactly calculated: The 7th and last Column contains the Planets, Aspects, and Variation of the Weather.

*The Right-Hand Pages*.] The Tops thereof shew what Planets are with the Moon in every Month; with the Times of their Rising, Southing, and Setting.

The first Column is the Month Days in the Old Style, the 2d is the Month Days in the New Style.

The third Column is the Moon's Signs. The 4th and 5th contain the Rising and Setting of the Sun, for the Latitude of 52 Degrees 45 Minutes. The 6th Column contains the Increase or Decrease of Days.

The 7th and last Column contains an Account of the Vertue of Common Water.

# TABLE of Simple Interest, at 5 $\frac{1}{2}$ per Cent.

Principal Sum.	a Week	a Month	2 Months	3 Months	6 Months	a Year
	s. p. f.	s. p. f.	s. p. f.	s. p. f.	s. p. f.	s. p. f.
<b>Shill.</b>						
5	0 0 0	0 0 1	0 0 2	0 0 3	0 1 2	0 3 0
10	0 0 0	0 0 2	0 1 0	0 1 2	0 3 0	0 6 0
15	0 0 0	0 0 3	0 1 2	0 2 1	0 4 2	0 9 0
<b>Pounds.</b>						
1	0 0 1	0 1 0	0 2 0	0 3 0	0 6 0	1 0 0
2	0 0 2	0 2 0	0 4 0	0 6 0	1 0 0	2 0 0
3	0 0 3	0 3 0	0 6 0	0 9 0	1 6 0	3 0 0
4	0 1 0	0 4 0	0 8 0	1 0 0	2 0 0	4 0 0
5	0 1 1	0 5 0	1 0 0	1 3 0	2 6 0	5 0 0
6	0 1 2	0 6 0	1 0 0	1 6 0	3 0 0	6 0 0
7	0 1 3	0 7 0	1 2 0	1 9 0	3 6 0	7 0 0
8	0 2 0	0 8 0	1 4 0	2 0 0	4 0 0	8 0 0
9	0 2 1	0 9 0	1 6 0	2 3 0	4 6 0	9 0 0
	s. p. f.	po. s. p.	po. s. p.	po. s. p.	po. s. p.	po. s. p.
<b>Tens of Pounds.</b>						
10	0 2 2	0 0 10	0 1 8	0 2 6	0 5 0	0 10 0
20	0 5 0	0 1 8	0 3 4	0 5 0	0 10 0	1 0 0
30	0 7 2	0 2 6	0 5 0	0 7 6	0 15 0	1 10 0
40	0 10 0	0 3 4	0 6 8	0 10 0	1 0 0	2 0 0
50	1 0 2	0 4 2	0 8 4	0 12 6	1 5 0	2 10 0
60	1 3 0	0 5 10	0 10 0	0 15 0	1 10 0	3 0 0
70	1 5 2	0 5 10	0 11 8	0 17 6	1 15 0	3 10 0
80	1 8 0	0 6 8	0 13 4	1 0 0	2 0 0	4 0 0
90	1 10 2	0 7 6	0 15 0	1 2 6	2 5 0	4 10 0
<b>Hun. of Pounds.</b>						
100	2 1 0	0 8 4	0 16 8	1 5 0	2 10 0	5 0 0
200	4 2 0	0 16 8	1 13 4	2 10 0	5 0 0	10 0 0
300	6 3 0	1 5 0	2 10 0	3 15 0	7 10 0	15 0 0
400	8 4 0	1 13 4	3 6 8	5 0 0	10 0 0	20 0 0
500	10 5 0	2 1 8	4 3 4	6 5 0	12 10 0	25 0 0
1000	20 10 0	4 3 4	8 6 8	12 10 0	25 0 0	50 0 0

To find the Interest of 747 Pounds 10 Shillings, for a Year, Three Months, and One Week.

	1 Year	3 Months	a Week	For the Year:	t. s. d. q.
Po. } 700	35 0 0	8 15 0	0 14 7		37 7 6
40	2 0 0	0 10 0	0 0 10		
7	0 7 0	1 9 0	0 1 3	3 Months	9 6 2
Sh. } 10	0 0 6	0 1 2	0 0 0	1 Week	0 15 6
	37 7 6	9 6 10	2 0 15	Total	47 9 11

By this Operation you will see the Interest of 747 $\frac{1}{2}$  l. 10s. for 1 Year, 3 Months, and 1 Week, comes to 47 l. 9s. 11d. 1q. In the like manner you must work any other Sum.

**A TABLE, Shewing the Value of any Number of Pieces  
of Foreign Gold, in English Pounds, Shillings, and Pence.**

N <sup>o</sup> . of Pieces.	Portugal 3l. 12s.	Pieces, 1l. 16s	Moidores 1l. 7s.	Luis d'Or 1l. 4s.	Pistoles 16s. 6d.
2	7 4	3 12	2 14	2 8	1 13 c
3	10 16	5 8	4 1	3 12	2 9 6
4	14 8	7 4	5 8	4 16	3 6 0
5	18 0	9 0	6 15	6 0	4 2 6
6	21 12	10 16	8 2	7 4	4 19 c
7	25 4	12 12	9 9	8 8	5 15 6
8	28 16	14 8	10 16	9 12	6 12 c
9	32 8	16 4	12 3	10 16	7 8 6
10	36 0	18 0	13 10	12 0	8 5 c
20	72 0	36 0	27 0	24 0	16 10 c
30	108 0	54 0	40 10	36 0	24 15 c
40	144 0	72 0	54 0	48 0	33 0 c
50	180 0	90 0	67 10	60 0	41 5 c
60	216 0	108 0	81 0	72 0	49 10 c
70	252 0	126 0	94 10	84 0	57 15 c
80	288 0	144 0	108 0	96 0	66 0 c
90	324 0	162 0	121 10	108 0	74 5 c
100	360 0	180 0	135 0	120 0	82 10 c
200	720 0	360 0	270 0	240 0	165 0 c
300	1080 0	540 0	405 0	360 0	247 10 c
400	1440 0	720 0	540 0	480 0	330 0 c
500	1800 0	900 0	675 0	600 0	412 10 c
600	2160 0	1080 0	810 0	720 0	495 0 c
700	2520 0	1260 0	945 0	840 0	577 10 c
800	2880 0	1440 0	1080 0	960 0	660 0 c
900	3240 0	1620 0	1215 0	1080 0	742 10 c
1000	3600 0	1800 0	1350 0	1200 0	825 0 c
5000	18000 0	9000 0	6750 0	6000 0	4125 0 c
10000	36000 0	18000 0	13500 0	12000 0	8250 0 c

**Note.** A Portugal 3l. 12s. weighs 18 dwt. 12 gr. A Portugal 36s. weighs 9 dwt. 6 gr. A Moidore at 27s. weighs 6 dwt. 18 gr. A Double Luis d'Or at 24s. weighs 6 dwt. 6 gr. And a Pistole at 16s. 6d. weighs 4 dwt. 8 grains.

# February hath xxix Days.

Full Moon, the 2d day, at 9 night

Last Quarter, 11th, 1 morn.

New Moon, 18th, 6 morn.

First Quarter, 24th, 9 night

Month Da.	Week Da.	Saints Days, Terms, &c.	Moon ri.&sets	Moon's South.	Full Sea at Lond.	Aspects and Weather.
1	d		6 48	11 A 15	0 47	♂ ♀ ☿
2	e	Purif. B.V.M.	7 rises	Morn.	1 39	Candlemas-D.
3	f		5 29	0 3	2 28	
4	g		6 45	0 49	3 4	* ♀ ♂
5	a		7 55	1 30	3 31	Cold, cloudy
6	b		9 4	2 10	3 55	Weather.
7	c	Sexagesima	10 15	2 49	4 21	♂ ♀ ♂
8	d		11 25	3 30	4 53	Sharp Air,
9	e		Morn.	4 13	5 26	inclined to
10	f		0 33	4 59	6 8	frosty Morn-
11	g		1 41	5 46	7 0	△ ○ ♀
12	a	Term Ends.	2 50	6 37	7 58	ings.
13	b	Old Cand. D.	3 55	7 30	9 9	
14	c	Shrove-Sunday	4 47	8 26	10 21	Valentine.
15	d		5 29	9 25	11 34	△ ♀ ♂
16	e	Shrove-Tuesd.	6 4	10 20	0 A 42	♂ ○ ♂
17	f	Ash-Wednesd.	6 27	11 16	1 40	△ ○ ♀
18	g		D sets	0 A 11	2 34	Rain or Sleet
19	a		7 12	1 3	3 11	about this
20	b		8 47	1 53	3 43	Time may be
21	c	1 Sun. in Lent	10 15	2 44	4 17	expected.
22	d		11 44	3 40	5 1	* ♂ ♀
23	e		Morn.	4 37	5 48	Frosty
24	f	St. Matthias	1 5	5 33	6 44	Weather.
25	g		2 17	6 29	7 49	
26	a	Ember-Week	3 23	7 28	9 6	Fair and
27	b		4 13	8 23	10 17	pleasant for
28	c	2 Sun. in Lent	4 49	9 14	11 22	the Season.
29	d		5 13	10 2	Morn.	

# Saunders. February, 1768.

Old Style.	New Style.	The	8th day, at 3 aftern.		Jupiter Mars Venus Mercury Saturn	} is with
			14th,	4 morn.		
			14th,	11 night		
			18th,	10 morn.		
			26th,	at noon		

M D	W D	Moon's Signs	Sun rises.	Sun sets.	Days incr.	Physical Observations:
21	1	Stomach	7 36	4 24	1 20	certainly a Drink that will no
22	2	heart	35	27	22	ferment in the Stomach, no
23	3	back	31	29	24	turn soure, as Wine and strong
24	4	bowels	29	31	26	Male-Drinks will do, to the
25	5	and	27	33	28	hinderer of a good Digestion
26	6	belly	25	35	30	which all Acidity in the Sto-
27	C	reins	23	37	34	mach certainly doth, when it
28	8	loins	21	39	38	abounds there, and is best cor-
29	9	secrets	19	41	42	rected by weakening, or make-
30	10	and	18	42	46	ing it less soure, by drinking
31	11	memb.	17	43	49	good Store of Water, as the
Febr.	12	hips	16	44	52	Experience of above Forty
	13	thighs	14	46	54	Years Practice hath assured my-
	C	knees	13	47	56	self and many others. For
3	15	hams	12	48	59	though Water is counted a
4	16	legs	11	49	0	contemptible Drink, yet, by
5	17	ankles	10	50	1	beginning to make Use of it
6	18	feet	8	52	6	at about Thirty Years of Age
7	19	toes	6	54	10	(before which I was often out
8	20	head	4	56	15	of Order) and continuing the
9	C	face	2	58	19	Use of it ever since, drinking
10	22	neck	0 5	0	24	very little Wine or Strong-
11	23	throat	6 59	1	29	Drink, I have attained to the
12	24	arms	58	2	33	Age of Eighty-Three Years,
13	25	and	56	4	36	when Thousands in the mean
14	26	should.	55	5	39	time, who delight only in
15	27	breast	54	6	43	drinking Strong Beer, Wine,
16	B	Stomach	53	7	46	and Brandy, have not lived
17	29	heart	52	8	50	half so long; which maketh
18						good that Saying in the Scrip-
						ture; That Wine is a Mocker,
						and Strong Drink is raging;
						and he who is deceived thereby
						is not Wise, Prov. xx. 1. since
						it

# March hath xxxi Days.

Full Moon, the 3d day, at 3 morn.

Last Quarter, 11th, 6 night

New Moon, 18th, 3 aftern.

First Quarter, 25th, 8 morn.

M	W	Saints Days, D. D. Terms, &c.	Moon ri. & sets	Moon's South.	Full Sea at Lond.	Aspects and Weather.
1	d	David	5 41	10 A 47	1 M 12	Wind with
2	e	Chad.	5 56	11 29	1 53	☐ h ☿
3	f		D rises	Morn	2 30	frequent
4	g		6 50	0 10	3 4	Showers of
5	a	Ps. Hesse Born	8 6	0 50	3 31	Rain, or
6	B	3 Sun. in Lent	9 17	1 29	3 55	* ☉ ☿
7	c		10 27	2 12	4 21	Sleets.
8	d		11 37	2 59	4 53	Cold Wind.
9	e		Morn.	3 45	5 26	
10	f		0 43	4 34	6 8	Seasonable
11	g		1 46	5 24	7 0	☐ 4 ☿
12	a	Gregory	2 41	6 17	7 58	good Weather
13	B	Midlent-Sund.	3 32	7 14	8 46	at present.
14	c		4 6	8 10	0 2	
15	d		4 33	9 5	11 12	Changeable
16	e		4 53	10 0	0 A 20	☐ ☉ h
17	f	St. Patrick	5 10	10 52	1 16	Δ 4 ☿
18	g		5 27	11 45	2 14	Weather.
19	a	Ps. Louisa Born	D sets	0 A 38	2 55	
20	B	5 Sun. in Lent	9 23	1 36	3 32	Eq. Day & N.
21	c		10 51	2 33	4 8	
22	d		Morn	3 32	4 35	Δ h ☿
23	e		0 12	4 32	5 44	
24	f		1 25	5 29	6 43	
25	g	Lady-Day. D. of York	Born	7 42	7 42	Camb. T. E.
26	a		3 1	7 17	8 50	Oxf. T. Ends
27	B	Palm-Sunday	3 31	8 6	9 57	Windy Air,
28	c		3 55	8 51	10 54	and some
29	d		4 13	9 34	11 5	Rain.
30	e		4 22	10 16	Morn.	☉ ☉ ☿
31	f		4 35	10 56	0 36	



# Saunders, March, 1768.

Old Style.	New Style.	The {	6th day, at 7 night	Jupiter	} is with D
			14th, at 2 morn.	Mars	
			15th, at 10 night	Venus	
			19th, at 6 night	Mercury	
			124th, at 7 night	Saturn	

M. D.	W. D.	Moon's Signs.	Sun rises.	Sun sets.	Days incr.	Physical Observations.
19	1	back	6 51	5 9	2 55	it no ways contributes to Long
20	2	bowels	49	11	58	Life; for it is certain, that
21	3	and	47	13	3 2	Thousands in the World live
22	4	belly	45	15	6	as long who drink no Strong
23	5	reins	43	17	10	Drink, as any Drinkers of i
24	B	and	41	19	16	do. Some, indeed, from an ex
25	7	loins	39	21	21	traordinary Strength of Na
26	8	seeret	36	24	27	ture, have been hard Drinkers
27	9	memb.	33	27	32	and yet die Old; but, for One
28	10	hips	30	30	37	who does this, perhaps a
29	11	thighs	27	33	41	Hundred are destroyed by it
12	12	knees	24	36	46	before they come to half the
B	B	and	21	39	50	Time of Life; and generally
14	14	hams	18	42	54	we shall find, that very Strong
4	15	legs	15	45	58	and Healthy Constitutions a
5	16	ankles	12	48	4 3	long-run, are ruined by Rio
6	17	feet	10	50	8	and Excess, there being no
7	18	toes	7	53	12	certain Safety in any Way of
8	19	head	4	56	16	Living but that of Temperanc
9	B	face	2	58	20	and Moderation. Nature in
10	21	neck	0 6	c	25	some, may a long Time with
11	22	throat	5 58	2	30	stand the Abuses offered to it
12	23	arms	56	4	37	but at last it will yield to its
13	24	should.	54	6	38	Enemies; and those who live
14	25	breast	52	8	42	the longest in an Intemperat
15	26	stomach	50	10	46	Course, might from the Strength
16	B	heart	48	12	50	of their Constitution, have
17	28	and	46	14	54	lived much longer, had they
18	29	back	44	16	58	Eat less, and used themselves
19	30	bowels	42	18	5	to Drink more Water, which
20	31	belly	40	20	6	Drink, as it is most friendly
						and longest, will preserve the
						Life of a Strong Constitution;
						so it is absolutely necessary for
						those that are Weak and Sickly,
						and are naturally subject to the
						Gout

# April hath xxx Days.

Full Moon, the 2d day, at 8 morn.

Last Quarter, 10th, 8 morn.

New Moon, 16th, 11 night

First Quarter, 23d, 9 night

M. W. D. D.	Saints Days, Terms, &c.	Moon rises & sets	Moon's South.	Fall Sea at Land.	Aspects and Weather.
1 g	Good-Friday	4 49	11 A 30	1 M 9	At the Begin-
2 a		3 rises	Morn.	2 4	ning expect
3 B	Easter-Day	8 19	0 20	2 42	Windy and
4 c	St Ambrose	9 28	1 5	3 14	Rain.
5 d	Old Lady-day	10 37	1 50	3 43	* ♂ ♀
6 e		11 40	2 37	4 7	♂ ☉ ♀
7 f		Morn.	3 27	4 51	Fine and plea-
8 g		0 41	4 19	5 31	sant health-
9 a		1 29	5 12	6 24	ful Air.
10 B	Low-Sunday	2 5	6 47	7 21	Wind, and
11 c		2 36	7 1	8 31	some hazy
12 d		2 57	7 53	9 40	Showers.
13 e	Camb. T. E.	3 22	8 45	10 47	Fine tempe-
14 f	Ox. Term E.	3 37	9 36	11 52	rate pleasant
15 g		3 51	10 30	0 A 30	Weather, in-
16 a		3 sets	11 26	1 49	termixt with
17 B	2 S. aft. Easter	8 30	0 A 24	2 45	prol. sick
18 c		9 57	1 24	3 26	Showers of
19 d		11 14	2 25	4 4	△ ♀ ♂
20 e	Term Begins	Morn.	3 26	4 50	Rain.
21 f		0 20	4 26	5 37	* ☉ ♀
22 g		1 6	5 21	6 32	☐ ♀ ♀
23 a	St. George	1 43	6 12	7 28	Fair and
24 B	3 S. aft. Easter	2 8	6 59	8 0	warm Gleams.
25 c	St. Mark	2 28	7 45	9 28	
26 d		2 38	8 24	10 20	Moderate
27 e		2 53	9 4	11 12	Gales of
28 f		3 4	9 41	Morn.	Wind, and
29 g		3 13	10 27	0 9	dry Weather.
30 a		3 26	11 10	♂ 49	

# Saunders. April, 1768.

Old Style	New Style	The	2d day, at 8 night	Jupiter	} is with )
			11th, 11 night	Mars	
			14th, 7 night	Venus	
			15th, 1 aftern.	Mercury	
			21st, 7 morn.	Saturn	
			29th, 8 night	Jupiter	

M. W.	Moon's	Sun	Sun	Days	Physical Observations.
D. D.	Signs.	rises.	sets.	incr.	
21	1 reins	5 39	6 21	5 7	Gout, the Stone, Shortness of Breath, Wind, Ill-Digestion, and such like: But the chief Use of Water in preserving of Health is by using it as a Vomit, which is the most infallible Remedy that ever was found out for any Stomach-Sickness or Pain; therefore to vomit with warm Water will effectually remove it, and be a Means to prevent great Fits of Sickness, and preserve the Lives of many Thousands to Old Age, by cleansing the Stomach from that tough, slimy, or corrupt Matter that offends, and is the Cause of all mortal Diseases, especially of an <i>Apoplexy</i> , which tho' counted a Disease of the Head, yet hath its Original from a Foul Stomach, which nothing so effectually cleanseth as Vomits, according to Dr. <i>Curtis</i> , who saith, That Vomiting with warm Water, or <i>Carduus-Tea</i> ,
22	2 and	38	22	9	
23	3 loins	36	24	12	
24	4 secret	34	26	15	
25	5 memb.	32	28	18	
26	6 hips	30	30	22	
27	7 and	29	31	26	
28	8 thighs	27	33	30	
29	9 knees	25	35	34	
30	10 hams	24	36	36	
1	11 legs	22	38	40	
2	12 ancles	20	40	44	
3	13 feet	18	42	50	
4	14 toes	16	44	54	
5	15 head	14	46	58	
6	16 face	12	48	6	
7	17 neck	10	50	6	
8	18 throat	8	52	12	
9	19 arms	6	54	17	
10	20 should.	4	56	22	
11	21 breast	2	58	27	
12	22 and	0	0	32	
13	23 stomach	4 58	2	36	
14	24 heart	56	4	40	
15	25 back	55	5	43	
16	26 bowels	54	6	46	
17	27 belly	53	7	50	
18	28 reins	51	9	54	
19	29 and	49	11	57	
20	30 loins	48	12	7 1	

# May hath xxxi Days.

Full Moon, the 1st day, at midnight

Last Quarter, 9th, 6 night

New Moon, 16th, 7 morn.

First Quarter, 23d, at noon

Full Moon, 31st, 3 aftern

M	W	Saints Days	Moon	Moon's	Full Sea	Aspects and
D	D	Terms, &c.	ri.&sets	South. at Lond.	at Lond.	Weather.
1	B	S. aft. Easter	) rises	1 A, 1	1 M 9	St. Phil & Ja.
2	c		8 46	Morn.	2 30	♂ ♀ ♀
3	d	Inv. of +	9 44	0 43	2 59	♂ ♀ ♀
4	e		10 41	1 32	3 32	Wind, with
5	f		11 39	2 21	4 4	♂ ♀ ♀
6	g		Morn.	3 13	5 40	moist drilling
7	a		0 20	4 9	6 24	Weather at
8	B	Rogat. Sund.	0 54	5 2	7 13	Beginning of
9	c		1 16	5 53	8 9	△ h ♂
10	d		1 38	6 43	9 7	this Month.
11	e		1 54	7 32	9 13	Temperate
12	f	Ascension-Day	2 12	8 23	10 14	Old May-d
13	g		2 24	9 13	11 24	* h ♀
14	a		2 42	10 8	0 A 29	Season and
15	B	S. aft. Easter	) sets	11 7	1 31	Weather.
16	c	Term Ends	8 44	0 A 9	2 33	* h ♀
17	d		10 3	1 11	3 18	* ♂ ♀
18	e		11 0	2 13	3 56	
19	f	Qu. Charlotte	11 40	3 16	4 42	Oxf. & Carn.
20	g	[Born 1744	Morn.	4 5	5 20	[Term Ends
21	a		0 8	4 55	6 6	
22	B	Whit-Sunday	0 34	5 42	6 56	Fruitful
23	c		0 50	6 24	7 43	Showers.
24	d	Fr. Fr. Wil. B.	1 2	7 5	8 35	Warm & hot.
25	e	Ember-Week	1 15	7 45	9 23	* ♂ ♀
26	f		1 25	8 25	10 21	Very pleasant
27	g		1 33	9 7	11 14	Weather.
28	a		1 50	9 51	Morn	
29	B	Trinity-Sund.	2 12	10 39	0 11	K. Ch. II. Ref
30	c		2 39	11 A 28	1 3	
31	d		D rises	Morn.	1 54	

Saunders.

May, 1768.

Old Style

New Style.

The { 10th Day, at 6 Afternoon. *Mars*  
14th Day, at 2 Afternoon. *Venus*  
14th Day, at 8 Night, *Mercury*  
18th Day, at 7 Night, *Saturn*  
26th Day, at 9 Night, *Jupiter* } is with D.

D.	D.	Moon's Signs.	Sun rises.	Sun sets.	Days incr.	Physical Observations.	
20	B	secret	4	47	7	4	is very beneficial to bring
21	2	and		43		6	up that which fluctuates
22	3	memb.		40		8	in the stomach, and that
23	4	hips		38		11	tough ropy phlegm which
24	5	thighs		36		16	sticks fast to the wrinkles
25	6	knees		34		20	and folds of that bowel,
26	7	hams		32		24	and which purges do often
27	B	legs		30		28	pass over, and cannot re-
28	9	and		28		32	move; which way of vo-
29	10	ankles		26		36	miting with warm water
30	11	feet		24		40	is ten-times more easy and
May	12	toes		22		42	pleasant, than that which
	13	head		20		44	is effected by the use of
	14	face		19		46	a nauseous tea made of
3	B	neck		17		48	carduus, which physicians
4	16	throat		16		52	do sometimes advise; and
5	17	arms		14		56	it is also such as can do
6	18	should.		12		0	no harm by violence, as
7	19	breast		11		3	other vomits made from
8	20	stom.		10		7	antimony sometimes do,
9	21	heart		9		11	since you may stop when
10	B	back		8		15	you please.
11	23	bowels		7		18	And here it may not be
12	24	and		5		22	amiss to relate what I
13	25	belly		4		24	some years ago discovered,
14	26	reins		2		27	in order to men's freeing
15	27	loins	4	C	7	30	themselves from sickness
16	28	secret	3	59	8	32	that may happen after
17	B	and		58		34	eating: for, being invited
18	30	memb		57		36	to dine at a certain table
19	31	hips	3	56		57	B where

# JUNE hath xxx Days.

Last Quarter the 7th Day, at Midnight.  
 New Moon the 14th Day, at 4 Aftern.  
 First Quarter the 22d Day, at 4 Morn.  
 Full Moon the 30th Day, at 4 Morn.

M D.	W D.	Saints Days and Terms.	☾ rises and sets	☾'s South.	Full Sea at Lond	Aspects and Weather.
1	e	Oxf. T. begins	9 33	0 M 19	2 M 41	
2	f	Corpus Christi	10 18	1 9	3 24	
3	g	Term begins	10 52	2 2	3 50	△ ♀ ☿
4	a	K. Geo. III. bo.	11 21	2 57	4 12	♂ ☉ ♀
5	B	1 S. aft. Trin.	11 36	3 48	5 14	Wind and rain.
6	c		11 55	4 37	5 58	
7	d		Morn.	5 25	6 37	Thunder, and
8	e		0 11	6 14	7 32	☐ ♂ ♀
9	f		0 26	7 3	8 32	hasty showers,
10	g	Prs. Amelia b.	0 39	7 57	9 43	and lightning.
11	a	St. Barnabas	1 3	8 51	10 57	
12	B	2 S. aft. Trin.	1 30	9 50	0 A 9	Hot and dry
13	c		2 4	10 52	1 16	weather for
14	d		☾ sets.	11 51	2 16	♂ ♀ ☿
15	e		9 32	0 A 59	3 4	several days
16	f		10 8	1 46	3 41	together.
17	g	St. Alban.	10 32	2 38	4 12	
18	a		10 52	3 30	4 53	☐ ♀ ☿ △ ♀ ♀
19	B	3 S. aft. Trin.	11 6	4 15	5 28	More temperate
20	c		11 19	4 53	6 4	air.
21	d		11 32	5 35	6 43	Longest Day.
22	e	Term ends	11 41	6 15	7 32	Good pleasant
23	f		11 54	6 57	8 25	and seasonable,
24	g	St. John Bapt.	Morn.	7 40	9 21	for most part.
25	a		0 16	8 26	10 22	☐ ☉ ♂
26	B	4 S. aft. Trin.	0 38	9 15	11 26	
27	c		1 7	10 6	Morn.	Some thunder,
28	d		1 46	10 59	0 29	♂ ☉ ♀
29	e	St. Pet. & Pau	2 33	11 53	1 26	and rain.
	f		☾ rises.	Morn.	2 26	☐ ♀ ♂

Saunders.

June, 1768.

Old Style.	New Style.	The	8th Day, at 9 Morn. <i>Mars</i>	} is with
			13th Day, at 10 Morn. <i>Venus</i>	
			15th Day, at Noon, <i>Saturn</i>	
			15th Day, at 2 Aftern. <i>Mercury</i>	
			23d Day, at 4 Morn. <i>Jupiter</i>	

D.	D.	Moon's Signs.	Sun- rises.	Sun sets.	Days incr.	Physical Observations.
21	1	thighs	3 54	8 6	8 40	where there were several
22	2	knees	53	7	40	good dishes of meat, I was
23	3	and	52	8	41	over persuaded to eat more
24	4	hams	51	9	42	than I should do, and in
25	5	legs	50	10	43	a little time after dinner
26	6	ankles	50	10	44	found myself begin to be
27	7	feet	49	11	44	sick; I went out, and in a
28	8	toes	48	12	44	private place attempted to
29	9	head	48	12	44	vomit by tickling my
30	10	face	48	12	44	throat with my finger, but
31	11	neck	48	12	44	could not vomit as I de-
June	B	throat	48	12	45	signed to do; but by this
	13	arms	48	12	45	means I raised up two or
	14	should.	47	13	46	three mouthfulls of thick,
3	15	breast	47	13	46	tough phlegm, upon which
4	16	stomach	47	13	46	I found myself better, and
5	17	heart	47	13	46	my sick qualm went off.
6	18	and	47	13	46	I took the hint it gave me,
7	B	back	47	13	46	and have done the same
8	20	bowels	47	13	46	several times since, and
9	21	belly	47	13	46	find that by getting up the
10	22	reins	47	13	46	phlegm, which, like yeast
11	23	and	47	13	Days	upon beer, works up to
12	24	loins	47	13	decr.	o the mouth of the stomach,
13	25	secrets	47	13	o	a man may free himself
14	B	memb.	47	13	c	from some kinds of sickness
15	27	hips	47	13	1	after eating. And I re-
16	28	thighs	47	13	1	member it is an advice
17	29	knees	48	12	2	given by one Vaughan, in
18	30	and	3 48	8 12	2	a book long since printed
19						B 2

# JULY hath xxxi Days.

Laſt Quarter the 7th Day, at 5 Morn.

New Moon the 14th Day, at 2 Morn.

Fiſt Quarter the 21ſt Day, at 9 Night.

Full Moon the 29th Day, at 2 Aftern.

M D.	W D.	Saints Days and Terms.	☾ riſes and ſets.	☾'s South.	Full Sea at Lond.	Aspects and Weather.
1	g		9 17	0 M 45	3 9	
2	a	Viſit. B. V. M.	9 42	1 37	3 34	Hot ſultry wea-
3	B	5 S. aft. Trin.	9 58	2 29	4 7	ther, perhaps
4	c		10 15	3 17	4 43	ſome thunder-
5	d	Old Miſſ. Day	10 29	4 6	5 21	☐ ☉ ♀
6	e		10 40	4 56	6 6	ſhowers.
7	f	Tho. à Becket	10 57	5 45	6 59	
8	g	Cam. Ter. ends	11 24	6 37	7 58	Brisk winds.
9	a		11 56	7 32	9 11	Fair and warm.
10	B	6 S. aft. Trin.	Morn.	8 32	10 29	♂ ♀
11	c		0 37	9 30	11 46	♂ ♀
12	d		1 28	10 30	0 A 53	* ♀
13	e		2 34	11 27	1 50	♂ ♀
14	f		☾ ſets.	0 A 24	2 43	Frequent
15	g		8 50	1 17	3 22	☐ ♀
16	a	Oxf. Ter. end	9 4	2 4	3 51	ſhowers about
17	B	7 S. aft. Trin.	9 18	2 45	4 18	☐ ♂ ?
18	c		9 33	3 28	4 51	this time.
19	d		9 43	4 8	5 21	
20	e	Margaret.	9 52	4 49	6 1	Fine harveſt-
21	f		10 10	5 32	7 33	weather, which
22	g	Mary Magd.	10 32	6 16	8 34	Q. Denmark b.
23	a		10 52	7 3	9 40	continues for a
24	B	8 S. aft. Trin.	11 34	7 53	10 47	few days.
25	c	St. James.	Morn.	8 45	10 54	
26	d		0 13	9 37	11 51	Thunder in
27	e		1 13	10 32	Morn.	ſome places.
28	f		2 24	11 26	0 53	
29	g		☾ riſes.	Morn.	1 49	
30	a	9-days beg.	8 5	0 20	2 42	Dry toward the
31	B	aft. Trin.	8 17	1 10	3 17	end.



Saunders.

July, 1768.

Old Style.	New Style.	The	6th Day, at 11 Night, <i>Mars</i>	} is with D.
			13th Day, at 4 Morn. <i>Saturn</i>	
			13th Day, at 10 Morn. <i>Venus</i>	
			16th Day, at 2 Morn. <i>Mercury</i>	
			20th Day, at 5 Aftern. <i>Jupiter</i>	

D.	D.	Moon's Signs.	Sun rises.	Sun sets.	Days decr.	Physical Observations.
20	1	hams	3 48	8 12	0	3 Directions for health, for
21	2	legs	48	12	3	men who feed high, to
22	B	ankles	49	11	4	put their finger in their
23	4	feet	49	11	4	throat when they rise in
24	5	toes	50	10	5	the morning, to make
25	6	head	50	10	5	themselves puke, or avoid
26	7	face	51	9	6	the phlegm which can be
27	8	neck	51	9	7	raised, as an excellent way
28	9	throat	52	8	8	to preserve health; and it
29	B	arms	52	8	9	is said also to be an absolute
30	11	should.	53	7	10	preservative from the gout.
July	12	breast	54	6	11	I will conclude with
	13	and	56	4	12	this note, that in distempers
3	14	stomach	57	3	14	where water drinking will
4	15	heart	58	2	16	be available for a cure,
5	16	back	3 59	8 1	18	the same must not be drank
6	B	bowels	4 0	7 0	20	sparingly, but plentifully,
7	18	belly	1	59	23	as to ease the gripings in
8	19	reins	2	58	26	a looseness or flux; for if
9	20	and	3	57	30	but a pint of water should
10	21	loins	4	56	34	be drank, ease would hard-
11	22	secrete	5	55	38	ly succeed; but drinking
12	23	membr.	6	54	42	in about an hour's time a
13	B	hips	7	53	46	quart or three pints, the
14	25	and	8	52	49	sharpness and evil quality
15	26	thighs	9	51	52	of the humour offending
16	27	knees	10	50	55	will be so far diluted or
17	28	hams	11	49	58	weakened, that immediate
18	29	legs	12	48	0	ease will follow. If the
19	30	ankles	13	47	3	season be too cold to drink
20	B	feet	4 14	7 4	7	B 3 cold

# AUGUST hath xxxi Days.

Last Quarter the 5th Day, at 9 Morn.  
 New Moon the 12th Day, at 1 Aftern.  
 First Quarter the 20th Day, at 3 Aftern.  
 Full Moon the 27th Day, at Midnight.

M D.	W D.	Sainte Days and Terms.	☾ rises and sets.	☾'s South.	Full Sea at Lond.	Aspects and Weather.
1	c	Lammas Day	8 35	1 M 59	3 M 43	Good seasonable
2	d		8 48	2 49	4 21	weather.
3	e		9 4	3 39	5 1	Dry winds.
4	f		9 28	4 32	5 43	
5	g		9 58	5 26	6 36	☐ ♀ ☿
6	a	Transfiguration	10 39	6 22	7 40	Over-cast, with
7	B	10 S. aft. Trin.	11 23	7 21	8 54	some showers.
8	c		Morn.	8 19	10 14	☿ ☉ ☿ ☿ ☿
9	d		0 25	9 18	11 30	Thunder and
10	e	St. Laurence.	1 34	10 13	0 A 33	* ☉ ♀ light-
11	f	Prs. of Brunf. bo.	2 54	11 5	1 29	* ♀ ☿ ning.
12	g	Pr. of Wales bo.	3 59	11 54	2 20	Old Lam. Day
13	a		☾ sets.	0 A 39	2 52	☿ ☉ ☿
14	B	11 S. aft. Trin.	7 40	1 22	3 26	Heavy storms of
15	c	Affum B.V.M.	7 53	2 3	3 50	rain and hail
16	d	Pr. Frederick b.	8 1	2 44	4 17	now about.
17	e		8 16	3 27	4 50	
18	f		8 35	4 11	5 26	Fine, serene,
19	g		9 0	4 57	6 8	and pleasant
20	a		9 32	5 44	6 55	state of air for
21	B	12 S. aft. Trin.	10 8	6 33	7 52	some days.
22	c		11 0	7 25	9 1	
23	d		Morn.	8 19	10 14	Brisk winds.
24	e	St. Bartholom.	0 3	9 12	11 20	
25	f		1 16	10 9	Morn.	△ ♂ ♀
26	g		2 33	11 1	0 31	Warm air.
27	a		☾ rises.	11 53	1 24	
28	B	13 S. aft. Trin.	6 34	Morn.	2 17	St. Augustine.
29	c	Dec. S. John B	7 2	0 45	3 1	Good harvest-
			7 16	1 36	3 33	weather.
			7 42	2 29	4 6	△ ☉ ♂

Saunders.

August, 1768.

Old Style.	New Style.	The	4th Day, at 7 Morn.	Mars	} is with
			9th Day, at 5 Night,	Saturn	
			11th Day, at Midnight,	Mercury	
			12th Day, at 1 Aftern.	Venus	
			17th Day, at 8 Morn.	Jupiter	

D.	D.	Moon's Signs.	Sun rises.	Sun sets.	Days decr.	Physical Observations.
21	1	toes	4 15	7 45	13	cold water, you may warm
22	2	head	18	42	20	it a little upon the fire, or
23	3	face	20	40	23	put a hot toast of bread
24	4	neck	22	38	26	into every pint: and the
25	5	and	24	36	29	same is true in fevers, as
26	6	throat	26	34	33	also in the gravel or the
27	B	arms	29	31	37	cholick; for a small quan-
28	8	should.	31	29	40	tity will not be effectual
29	9	breast	34	26	42	in these cases; which ought
30	10	stomach	37	23	42	carefully to be noted, for
31	11	heart	39	21	44	in a fever a little water
Aug.	12	back	41	19	46	will rather increase the
3	B	and	43	18	48	burning, which large
4	15	belly	44	16	51	draughts, often repeated,
5	16	reins	46	14	53	will soon take off. Rest,
6	17	loins	48	12	56	fasting, and drinking much
7	18	secrets	50	10	0	water, after a vomit or
8	19	and	52	8	3	two, is a course that never
9	20	memb.	54	6	6	yet hath failed to cure
10	B	hips	56	4	10	fevers, by clearing the
11	22	thighs	58	2	14	stomach of that sordid
12	23	knees	5	0	18	filthiness which causeth
13	24	and	2	58	22	the distemper; for a happy
14	25	hams	4	56	25	issue will certainly follow
15	26	legs	6	54	29	such a course, if the fever
16	27	ankles	8	52	33	is simple, and not com-
17	B	feet	10	50	36	plicated with other dis-
18	29	toes	12	48	40	tempers which will resist
19	30	head	14	46	44	all remedies; and in many
20	31	face	16	44	48	cases nothing can prevent
			18	42	52	B 4 mortali

# OCTOBER hath xxxi Days.

Last Quarter the 2d Day, at Midnight,  
 New Moon the 10th Day, at 8 Night.  
 First Quarter the 18th Day, at 21 Night.  
 Full Moon the 25th Day, at 6 Night.

M D.	W D.	Saints Days and Terms.	☾ rises and sets	☾'s South.	Full Sea at Lond.	Aspects and Weather.
1	a		8 33	4 M 23	5 M 33	☐ ♀ ☿
2	B	18 S. aft. Trin.	9 41	5 22	6 35	Wind, if not
3	c		10 53	6 19	7 37	rain.
4	d		Morn.	7 14	8 47	
5	e		0 10	8 5	9 56	More mild
6	f	Faith	1 26	8 50	10 50	weather.
7	g		2 38	9 34	11 50	♂ ♀ ☿
8	a		3 48	10 18	0 A 41	Now temperate
9	B	19 S. aft. Trin.	5 11	11 C	1 44	air.
10	c	Oxf. & Cam. T.	☾ sets.	11 40	2 5	Old Mich. Day
11	d	[beg.	5 12	0 A 23	2 44	Stormy weather
12	e		5 29	1 7	3 15	♂ ☿ ☿
13	f	K. Edw. Conf.	5 55	1 53	3 56	♂ ♂ ☿ ♂ ♂ ☿
14	g		6 29	2 40	4 14	about this time.
15	a		7 11	3 28	4 51	
16	B	20 S. aft. Trin.	8 0	4 21	5 34	
17	c		9 2	5 13	6 24	Cloudy, and
18	d	St. Luke	10 13	6 5	7 20	good weather
19	e		11 32	7 44	8 21	for the season.
20	f		Morn.	8 33	9 27	
21	g		0 48	9 25	10 30	
22	a		2 13	10 17	11 38	△ ♀ ♂
23	B	21 S. aft. Trin.	3 42	11 12	Morn.	
24	c	K. Geo. III. In.	5 14	Morn.	0 41	Rough wind,
25	d	K. Geo III. pr.	☾ rises.	0 1	1 36	♂ ☉ ♀ ♂ ☉ ♂
26	e		4 51	1 11	2 34	with rain or
27	f	St. Sim. & Jude	5 31	2 13	3 18	hail,
28	g		6 21	3 16	3 57	
29	a		7 27	4 15	4 43	Cold mornings,
30	B	22 S. aft. Trin.	8 44	4 54	5 33	with frost.
31	c		10 0	5 40	6 26	

Saunders.

October, 1768.

Old Style.	New Style	The	3d Day, at 1 Aftern. <i>Saturn</i> 11th Day, at 8 Night, <i>Jupiter</i> 12th Day, at 7 Morn. <i>Venus</i> 12th Day, at 7 Morn. <i>Mercury</i> 25th Day, at 5 Night, <i>Mars</i> 30th Day, at 11 Night, <i>Saturn</i>	is with D.
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D.	D.	Moon's Signs.	Sun rises.	Sun sets.	Days decr.	Physical Observations.				
20	1	should.	6	16	5	43	4	54	others in the same circum-	
21	B	breast		18		42		58	stances, being verily per-	
22	3	and		20		40	5	2	suaded that the stomach	
23	4	st mach		22		38		6	sympathizeth with the	
24	5	heart		24		36		10	mind; and this becomes	
25	6	back		26		34		15	the cause of that uneasy	
26	7	bowels		28		32		21	sensation and pain per-	
27	8	belly		30		30		26	ceived there, for which	
28	B	reins		32		28		30	have found cold water to	
29	10	and		34		26		34	be the best remedy in my	
30	11	loins		36		24		38	self; and I believe other	
Octob.	12	secret		38		22		42	may find the same benefit	
	13	memb.		40		20		46	who will make use thereof	
	14	hips		42		18		50	upon the like occasion.	
	4	and		44		16		54	There is also anothe	
	5	B	thighs		46		14	5	58	experiment that I have
	6	17	knees		48		12	6	2	often seen of good effect
	7	18	hams		50		10		6	and that is, that if person
	8	19	legs		52		8		10	subject to what is calle
	9	20	and		54		6		14	vapours, or that are afflicte
	10	21	ances		56		4		18	with fits commonly calle
11	22	feet	6	58		2		22	the fits of the mother, wil	
12	B	toes	7	6	4	0		26	but drink water when the	
13	24	head		2		58		28	find their fits approach	
14	25	face		4		56		32	it will immediately yiel	
15	26	neck		6		54		38	relief. There is in this cal	
16	27	throat		8		52		42	a mealy julep prescribe	
17	28	arms		10		50		46	by Dr. Bates, which is	
18	29	should		12		48		50	to take a spoonful of fin	
19	B	breast		14		46		54	wheat-flour, an ounce of fin	
20	13	stomach	7	16	4	44	6	58	sugar	

# NOVEMBER hath xxx Days.

Last Quarter the 1st Day, at Noon.

New Moon the 9th Day, at 2 Aftern.

First Quarter the 17th Day, at 1 Aftern.

Full Moon the 24th Day, at 4 Morn.

M. D.	W. D.	Saints Days and Terms.	☾ rises and sets.	☾'s South.	Full Sea at Lond.	Aspects and Weather.
1	d	All Saints	11 18	6 M 36	7 M 22	Moderate air,
2	e	All Souls	Morn.	6 55	8 21	and frosts; but
3	f		0 32	7 35	9 15	moon turns to
4	g		1 45	8 18	10 8	wind and rain,
5	a	Powder Plot	2 57	9 1	11 7	or flets.
6	B	23 S. aft. Trin.	4 8	9 40	11 57	Term begins.
7	c	D. of Cumb. b.	5 15	10 22	0 A 44	☿ ♀ ♀
8	d		6 24	11 6	1 32	
9	e		☾ sets.	11 53	2 18	
10	f		4 35	0 A 42	2 58	Misty mornings.
11	g	Martinmas	5 10	1 31	3 31	Δ ⊙ ♀
12	a		5 58	2 19	4 c	
13	B	24 S. aft. Trin.	6 58	3 10	4 38	Cold rains,
14	c		8 2	4 1	5 17	turbulent winds,
15	d		9 20	4 50	6 1	inow or flets.
16	e		10 3	5 38	6 51	
17	f		11 54	6 27	7 45	Sharp frosts.
18	g		Morn.	7 14	8 47	
19	a		1 14	8 2	9 5	Store of win-
20	B	25 S. aft. Trin.	2 41	8 5	10 56	terly and cold
21	c		4 10	9 40	Morn.	weather.
22	d	Old Martinmas	5 36	10 4	0 6	Δ ♂ ♀
23	e	St. Clement	7 10	11 48	1 8	More mild and
24	f		☾ rises	Morn.	2 13	temperate.
25	g	D. of Glouc. b.	5 4	0 51	3 5	
26	a		6 16	1 55	3 4	Frosty morn-
27	B	Advent Surd,	7 36	2 52	4 27	ings.
28	c		8 53	3 52	5 10	Term ends.
29	d		10 4	4 43	5 5	Inclinable to
		St. Andrew	☾ sets.	5 43	6 5	rain.
		23. D. of Wales				

# Saunders. November, 1768.

Old Style.	New Style.	The	8th Day, at 3 Aftern.	Jupiter	} is with D
			11th Day, at 2 Aftern.	Mercury	
			11th Day, at 6 Night,	Venus	
			21st Day, at 9 Night,	Mars	
			27th Day, at 7 Morn.	Saturn	

D.	D.	Moon's Signs.	Sun rises.	Sun sets.	Days decr.	Physical Observations.
1	1	heart	7 17	4 43	7 2	sugar, and a pint of water
2	2	back	19	41	4	brew them together, and
3	3	bowels	20	40	6	drink it off. This is plea
4	4	and	22	38	10	santer than water alone
5	5	belly	24	36	14	but water of itself wil
6	B	reins	26	34	18	be as effectual, or rathe
7	7	loins	28	32	22	better.
8	8	secret	30	30	26	Some perhaps may defin
9	9	and	32	28	30	to know how to distingui
10	10	memb.	34	26	32	good from bad water; an
11	11	hips	36	24	34	the way to do this is b
12	12	thighs	38	22	38	the taste and scent: for, i
Nov.	B	knees	40	20	42	it have no taste nor smell
3	14	and	41	19	44	being purely fresh, no
4	15	hams	7 42	18	46	salt nor sweetish nor ill
5	16	legs	43	17	48	scented, it is good, pro
6	17	ankles	44	16	52	vided it be pure and clear
7	18	feet	45	15	55	of which kind is the com
8	19	toes	46	14	7 58	mon water used in London
9	B	head	47	13	8 2	when well settled, or i
10	21	face	48	12	4	fair weather. As for thos
11	22	neck	50	10	6	who are curious, and wil
12	23	throat	51	9	8	be at the charge, they ma
13	24	arms	52	8	10	procure the best water so
14	25	should.	53	7	12	drink by distillation, eithe
15	26	breast	54	6	14	in an alembic, or in a cool
16	B	stomach	55	5	16	water still used in drawing
17	28	heart	56	4	18	any cold water from herbs
18	29	and	7 57	3	20	for no earthy or metalli
19	30	back	8 58	4 28	22	substance, nor any kind o

# DECEMBER hath xxxi Days.

Last Quarter the 1st Day, at 4 Morn.  
 New Moon the 9th Day, at 9 Morn.  
 First Quarter the 16th Day, at Midnight.  
 Full Moon the 23d Day, at 3 Aftern.  
 Last Quarter the 30th Day, at Midnight.

M D	W D.	Saints Days and Terms.	☾ rises and sets.	☾'s South.	Full Sea at Lond.	Aspects and Weather.
1	f		Morn.	6 M 12	7 M 18	* ♀ ♀
2	g		0 47	6 54	8 21	Frothy ait, not
3	a		1 56	7 35	9 15	very lasting.
4	B	2 S. in Advent	3 3	8 17	10 11	Moderate and
5	c		4 18	8 58	10 59	good weather,
6	d	Nicholas	5 16	9 42	11 57	the season con-
7	e		6 2	10 29	0 A 44	sidered.
8	f	Conc. B. V. M.	7 30	11 16	1 32	♂ ♀ ♀
9	g		☾ sets.	0 A 8	2 18	☉ eclipsed inv.
10	a		4 44	1 1	2 58	
11	B	3 S. in Advent	5 47	1 53	3 45	Windy and
12	c		6 58	2 39	4 13	open; but soon
13	d	Lucy	8 16	3 30	4 53	changes to snow
14	e	Ember Week	9 30	4 20	5 33	or cold frosts.
15	f		10 50	5 4	6 18	
16	g	Cam. Ter. end	Morn.	5 52	7 8	
17	a	Oxf. Ter. ends	0 11	6 38	8 0	☐ ♂ ♀
18	B	4 S. in Advent	1 35	7 37	9 8	Now more mild
19	c		2 59	8 23	10 19	for the season.
20	d		4 22	9 18	11 30	△ ☉ ♂
21	e	St. Thomas	5 48	10 17	Morn.	
22	f		7 7	11 2	0 38	
23	g		☾ rises.	Morn.	1 45	Sharp winds,
24	a		4 55	0 * 25	2 46	with frosts.
25	B	Christmas-day	6 14	1 24	3 26	
26	c	St. Stephen	7 39	2 6	4 1	△ ♀ ♀
27	d	St. John Evan.	8 59	3 49	4 35	
28	e	H. Innocents	10 15	3 34	5 8	
29	f		11 25	4 34	5 46	Moderate wea-
			Morn.	5 15	6 27	ther concludes
		Silvester.	0 34	5 57	7 12	the year.



Saunders.

December, 1768.

Old Style.	New Style.	The	6th Day, at 9 Morn. <i>Jupiter</i>	} is with D.
			7th Day, at 2 Aftern. <i>Mercury</i>	
			12th Day, at 1 Morn. <i>Venus</i>	
			18th Day, at 9 Night, <i>Mars</i>	
			24th Day, at 2 Aftern. <i>Saturn</i>	

D.	D.	Moon's Signs.	Sun rises.	Sun sets.	Days decr.	Physical Observations.
20	1	and	8	2 3	58 8	26 salt, will rise in distilla-
21	2	belly		3	57	30 tion; so that the water
22	3	reins		4	56	33 so distilled will be pure and
23	B	loins		5	55	35 admirable to drink when
24	5	secret		6	54	37 cold, and will keep as
25	6	and		7	53	38 long from stinking as any
26	7	memb.		8	52	39 of the cold distilled waters
27	8	hips		9	51	40 in the apothecaries shops,
28	9	thighs	10	50	42	according to what Dr.
29	10	knees	10	50	43	Quincy hath affirmed in
30	B	and	10	50	44	his dispensatory.
Dec.	12	hams		11	49	45 Those who have not
	13	legs		11	49	46 the convenience of distil-
3	14	ankles	8	11	49	46 lation, may boil it a little
4	15	feet		12	48	47 as they do for tea; for
5	16	toes		12	48	47 then, when kept a while
6	17	head		12	48	47 after it is cold, it will
7	B	face		12	48	47 become more fine, by suf-
8	19	neck		13	47	48 fering any mixture con-
9	20	throat		13	47	48 tained in it to settle to
10	21	arms		13	47	48 the bottom of the vessel
11	22	should.		13	47	49 wherein it is contained,
12	23	breast		13	47	49 and that will render it still
13	24	and		13	47	50 more pure.
14	B	stomach		13	47	50
15	26	heart		12	48	Day 1
16	27	back		12	48	incr. 2
17	28	bowels		12	48	3
18	29	belly		11	49	4
19	30	reins		11	49	5
20	31	loins	8	10 3	50 0	6

A TABLE

# Saunders, 1768.

*A TABLE, shewing what Two Days in the Year are of the same Length.*

Trop. ☉	May	July	Ap.	Aug.	Mar.	Sep.	Feb.	Oct.	Jan.	Nov.	
June 21	22	22	21	22	21	22	18	23	18	23	
20	22	21	23	20	23	20	17	24	17	24	
19	23	20	24	19	24	19	16	25	16	25	
18	24	19	25	18	25	18	15	25	15	26	
17	25	18	26	17	26	17	14	27	14	27	
16	26	17	27	16	27	16	13	28	13	28	
15	27	16	28	15	28	15	12	29	12	29	
14	28	15	29	14	29	14	11	30	11	30	
13	29	14	30	13	30	13	10	31			
12	30	13	31	12	31				Jan.	Dec.	
					Mar.	Oct.	Feb.	No.	10	1	
June	July	May	Aug.	Ap.	Sept.	12	1	9	1	9	2
11	1	12	1	11	1	11	2	8	2	8	3
10	2	11	2	10	2	10	3	7	3	7	4
9	3	10	3	9	3	9	4	6	4	6	5
8	4	9	4	8	4	8	5	5	5	5	6
7	5	8	5	7	5	7	6	4	6	4	7
6	6	7	6	6	6	6	7	3	7	3	8
5	7	6	7	5	7	5	8	2	8	2	9
4	8	5	8	4	8	4	9	1	9	1	10
3	9	4	9	3	9	3	10				
2	10	3	10	2	10	2	11	Jan.	No.	Dec.	Dec.
1	11	2	11	1	11	1	12	31	10	31	11
		1	12					30	11	30	12
May	July			Mar.	Sep.	Feb.	Oct.	29	12	29	13
31	12	Ap.	Aug.	31	12	28	13	28	13	28	14
30	13	30	13	30	13	27	14	27	14	27	15
29	14	29	14	29	14	26	15	26	15	26	16
28	15	28	15	28	15	25	16	25	16	25	17
27	16	27	16	27	16	24	17	24	17	24	18
26	17	26	17	26	17	23	18	23	18	23	19
25	18	25	18	25	18	22	19	22	19	22	20
24	19	24	19	24	19	21	20	21	20		21
23	20	23	20	23	20	20	21	20	21		Tropic
22	21	22	21	22	21	19	22	19	22		W

21  
*Tropic*  
V

# S A U N D E R S, 1768.

## The S E C O N D P A R T.

1. Containing a curious Chronology from the Creation of the World to this Time.

2. The Rising, Southing, and Setting of the Seven Stars, and other Stars of Note, whereby the Hour of the Night may be found at any Time of the Year, as readily as the Hour of the Day is by the Sun.

3. An Account of the Eclipses this Year, and of the Sun's Entrance into the four Cardinal Points, by which he constitutes the Four Seasons of the Year.

*Of the Characters of the Twelve Signs, and what Part of the Body they are said to Govern.*

North Signs.	♈ Aries, Head and Face	South Signs.	♎ Libra, Reins & Loins
	♉ Taurus, Neck and Throat		♏ Scorpio, Secrets
	♊ Gemini, Arms & Should.		♐ Sagittary, Thighs
	♋ Cancer, Breast & Stom.		♑ Capricorn, Knees
	♌ Leo, Heart and Back		♒ Aquarius, Legs
	♍ Virgo, Bowels and Belly		♓ Pisces, Feet.

*The Characters of the Planets, with the Dragon's Head and Tail.*

Superior Planets.	♄ Saturn	☉ the Sun	Inferior Planets.	♀ Venus
	♃ Jupiter			☿ Mercury
	♂ Mars			☾ Moon
	♁ Dragon's Head.			♏ Dragon's Tail.

*The Characters of the Aspects.*

♌ Conjunction	}	♏ Opposition	}	◻ Square
* Sextile				◊ Trine

# A Compendious Chronology of Memorable Things since the Creation to this present Year.

A.P.J.	before Christ		Years since
710	4004	The Creation of the World	5772
1766	2948	Noah born	4716
2366	2348	Noah's Flood began	4328
2481	2233	The Babylonian Monarchy established	4001
2718	1996	Abraham born	3764
2986	1728	Joseph sold into Egypt	3496
3143	1571	Moses born	3339
3223	1491	The Israelites Departure out of Egypt	3259
3530	1184	Troy taken and destroyed by the Greeks	2952
3710	1004	Salomon's Temple built and dedicated	2772
4126	588	Jerusalem and the Temple destroyed	2356
4176	538	Daniel delivered from the Den of Lions	2306
4198	516	The Temple of Jerusalem rebuilt	2284
4391	323	The Death of Alexander the Great	2091
4710	4	The true Year of Christ's Birth	1772
4714	0	The vulgar Year of Christ's Birth	1768

A.D.			
33	The Passion and Resurrection of Jesus Christ		1735
70	Jerusalem and the Temple destroyed by Titus		1691
100	St. John, the last of the Apostles, dies, Dec. 20.		1668
313	Christianity triumphs under Constantine		1455
470	Augustulus, the last Roman Emperor, deposed		1298
606	The wicked Phocas makes Pope Boniface Head of the Church		1162
608	Mahomet broaches his Imposture at Mecca		1160
872	Italy and Rome plundered by the Saracens		896
1012	Swain, King of Denmark, conquers England		756
1066	William, Duke of Normandy, conquers England		702
1110	Arts and Sciences taught in Cambridge		658
1119	The first War between the French and English		649
1300	The Mariners Compass invented		468
1492	The Canaries discovered by an English Ship		438
		A.D.	

A. D.		<i>Years since.</i>
1380	Gunpowder and the Use of Guns first found out	388
1453	<i>Constantinople</i> taken from the <i>Christians</i>	315
1463	The <i>Persians</i> conquered by <i>Tamerlane</i>	104
1500	<i>Rome</i> plunder'd by the Duke of <i>Bourbon</i>	268
1517	<i>Martin Luther</i> first disputed against Popery	251
1536	<i>England</i> separated from the Church of <i>Rome</i>	232
1588	The <i>Spanish Armada</i> defeated by the <i>English</i>	180
1603	Q. <i>Eliz.</i> died, <i>March 24.</i> and K. <i>James I.</i> began	165
1604	Died of the Plague in <i>London</i> in 2 Years 68,596	164
1605	Gunpowder Treason Nov. 5.	163
1613	The New-River Water brought to <i>London</i>	155
1618	The Excellent Sir <i>Walter Raleigh</i> beheaded	150
1625	K. <i>James I.</i> died, K. <i>Charles I.</i> began <i>March 27.</i>	143
1625	35,417 Persons died of the Plague in <i>London.</i>	143
1641	The Cruel <i>Irish</i> Massacre, began <i>October 23.</i>	127
1643	<i>Burleigh-House</i> Stormed by <i>Cromwel</i> , <i>July 24.</i>	125
1649	K. <i>Charles I.</i> barbarously Murdered, <i>January 30.</i>	119
1660	K. <i>Charles II.</i> Restor'd <i>May 29.</i>	108
1665	68,586 Persons Died of the Plague in <i>London.</i>	103
1666	<i>London</i> Burnt, and a great Sea-fight with the <i>Dutch.</i>	102
1672	War declared against the <i>Dutch</i> , <i>March 17.</i>	96
1674	A great Snow for 11 Days together.	94
1675	The Town of <i>Northampton</i> Burnt, <i>September 3.</i>	93
1680	A great and Splendid Comet appear'd.	88
1684	The great Frost that held 13 Weeks.	84
1685	K. <i>Charles II.</i> died, <i>Feb. 6.</i> and K. <i>James II.</i> began	83
1685	The Duke of <i>Monmouth</i> Beheaded, <i>July 15.</i>	83
1688	Seven Bishops sent to the Tower, <i>June 8.</i>	80
1688	King <i>James II.</i> Abdicated, <i>December 12.</i>	80
1689	King <i>William</i> and Q. <i>Mary</i> Crown'd <i>April 11.</i>	79
1692	The <i>French</i> Fleet entirely defeated by the <i>English</i>	76
1698	<i>Whitehall</i> Palace entirely destroyed by Fire except the Banqueting House	79
1702	K. <i>William</i> died, <i>March 8.</i> and Q. <i>Anne</i> began	66
1702	Q. <i>Anne</i> proclaimed War against <i>France</i> , <i>May 4.</i>	66
1703	A great and terrible Wind, <i>November 26.</i> and 27.	65
1704	<i>Gibraltar</i> taken by the <i>English</i>	64
1707	<i>England</i> and <i>Scotland</i> united, <i>May 1.</i>	61

A. D.

Years  
since.

1710	Riots and great Disturbances in <i>England</i>	58
1714	Q. <i>Anne</i> died Aug. 1. and K. <i>George I.</i> began	54
1715	A Rebellion in <i>Scotland</i> and <i>Lancashire</i> suppressed	53
1715	A famous total Eclipse of the ☉ in <i>England</i> ; April 22, in the Morning	53
1716	A great Frost in the Beginning of this Year	52
1718	The <i>Spanish</i> Fleet destroyed by Admiral <i>Byng</i> near <i>Syracuse</i> ; July 31.	50
1719	A surprising Meteor seen, March 19. at Eight at Night	49
1719	Mr. <i>Flamsteed</i> , a Celebrated Astronomer, died Dec. 31.	49
1726	The incomparable Sir <i>Izaak Newton</i> died, March 28.	42
1727	K. <i>George I.</i> died, June 11, and K. <i>George II.</i> began	41
1734	The Prince and Princess of <i>Orange</i> married, March 14.	34
1736	The Prince and Princess of <i>Wales</i> married, April 27.	32
1739	Letters of Marque published in <i>London</i> against the <i>Spaniards</i> , July 16.	29
1739	Admiral <i>VERNON</i> sailed for the <i>West-Indies</i> , July 20.	29
1739	War declared by <i>Great-Britain</i> against <i>Spain</i> , Oct. 23.	29
1739	<i>Porto Bello</i> taken and destroyed by Admiral <i>VERNON</i> , November 22.	29
1740	Fort <i>Chagre</i> taken and destroyed, March 24.	28
1740	A very severe Frost from Decemb. 25, to February 27.	28
1742	A Comet appeared from February 18, to March 14.	26
1742	A Conjunction of ♄ and ♃ August 18.	26
1743	A splendid Comet appeared from December 23, to February 18, in ♍.	25
1744	March 4, <i>France</i> declared War against <i>England</i> , and March 31, <i>England</i> declared War against <i>France</i>	24
1745	<i>Cape Breton</i> taken from the <i>French</i> , June 16.	23
1746	The <i>Highland</i> Rebels defeated, April 16.	22
1748	A Peace concluded, October 7.	20
1751	The Prince of <i>Wales</i> died, March 21.	17
1752	The Date and Calendar altered	16
1760	K. <i>George II.</i> died, Oct. 25. and K. <i>George III.</i> began	8
1761	King <i>George III.</i> and Q. <i>Charlotte</i> crowned, Sept. 22.	7
1762	A great Snow for 18 Days together in Feb. and Mar.	6
1762	Prince of <i>Wales</i> born, August 12.	6
1763	A general Peace with <i>France</i> and <i>Spain</i>	5
	Prince <i>Frederick</i> born, August 16.	5
	Prince <i>William Henry</i> born, August 21.	3
	Princess <i>Royal</i> born, Sept. 29.	2

A TABLE of the Rising, Southing, and Setting of the *Pleiades* or *Seven Stars*, for every fifth Day in the Year: Of excellent Use to find the Hour of the Night.

Months & Days		Rise		South		Sets		Months & Days		Rise		South		Sets	
		h.	m.	h.	m.	h.	m.			h.	m.	h.	m.	h.	m.
January	1	0	28	8	A 39	5	M 46	July	2	12	30	8	M 30	5	A 4
	6	0	6	8	19	5	24		7	12	10	8	10	4	4
	12	11	M 39	7	56	4	13		12	11	49	8	6	4	21
	17	11	17	7	34	3	51		17	11	A 29	7	46	4	...
	22	10	56	7	13	3	30		22	11	9	7	26	3	4
	27	10	35	6	52	3	9		27	10	49	7	6	3	2
February	1	10	15	6	32	2	49	August	1	10	30	6	47	3	4
	6	9	55	6	12	2	29		6	10	10	6	27	2	44
	11	9	31	5	48	2	5		12	9	48	6	5	2	22
	16	9	12	5	28	1	46		17	9	29	5	46	2	...
	21	8	52	5	9	1	26		22	9	10	5	27	1	44
	26	8	34	4	51	1	8		27	8	52	5	9	1	26
March	4	8	15	4	32	12	40	September	1	8	34	4	51	1	...
	9	7	56	4	13	12	30		6	8	16	4	33	0	50
	12	7	45	4	2	12	16		12	7	54	4	11	0	28
	17	7	27	3	44	12	1		17	7	36	3	57	0	14
	22	7	7	3	24	11	A 41		22	7	18	3	35	11	M 52
	27	6	49	3	6	11	23		27	6	58	3	16	11	33
April	1	6	31	2	48	11	5	October	2	6	40	2	57	11	14
	6	6	13	2	31	10	47		7	6	22	2	39	10	56
	12	5	51	2	12	10	25		12	6	4	2	28	10	38
	17	5	33	1	50	10	7		17	5	45	2	12	10	19
	22	5	14	1	33	9	48		22	5	26	1	43	10	0
	27	4	55	1	11	9	29		27	5	7	1	24	9	44
May	2	4	37	0	54	9	11	November	2	4	48	1	5	9	24
	7	4	17	0	34	8	51		7	4	28	0	45	9	...
	12	3	58	0	15	8	32		12	4	4	0	21	8	3
	17	3	38	11	M 56	8	12		17	3	43	0	0	8	17
	22	3	18	11	35	7	52		22	3	23	11	A 40	7	52
	27	3	58	11	15	7	32		27	3	1	11	18	7	39
June	1	2	38	10	53	7	12	December	2	2	40	10	57	7	...
	6	2	18	10	35	6	52		7	2	18	10	35	6	...
	12	1	54	10	14	6	28		12	1	56	10	13	6	...
	17	1	32	9	31	6	6		17	1	34	9	52	6	...
	22	1	12	9	12	5	46		22	1	12	9	29	5	...
	27	12	55	9	1	5	25		27	0	50	9	7	5	...

A Table of some principal Fixed Stars, with the Time they rise, south, and set, either before or after the Seven Stars, as also their Colour, Magnitude, and Meridian Altitude, by which they may be readily discovered.

Colour	Alt.	Mag.	Names of the Stars.	Rise h. m.	South h. m.	Sets h. m.
♂	53	1	<i>Aldebaran or Bull's Eye</i>	12 34	0 48	0 00
h	24	29	<i>Left Foot of Orion</i>	4 31	1 31	1 34
h	36	2	<i>Middle * in Orion's Belt</i>	4 13	1 51	0 35
♂	45	1	<i>Right Shoulder of Orion</i>	3 23	2 8	0 8
♀	21	1	<i>Syrus the great Dog</i>	6 51	3 1	0 48
♂	43	1	<i>Procyon the little Dog</i>	5 33	3 53	2 7
h	30	2	<i>Heart of Hydræ</i>	8 39	5 41	2 44
h	51	1	<i>Regulus Lyon's Heart</i>	7 26	6 21	5 16
♂	54	1	<i>The Lyon's Tail Deneb.</i>	8 42	7 54	6 0
♀	28	1	<i>Virgin's Spike</i>	12 46	9 38	7 36
♂	24	58	<i>Arcturus</i>	10 47	10 30	10 12
♂	13	1	<i>Antares the Scorpion's H.</i>	17 36	10 39	7 42
h	46	2	<i>Bright Star of the Vulture</i>	17 38	16 3	9 27
♀	6	1	<i>Fomalhaut</i>	1 10	16 11	10 37
h	65	2	<i>Head of Andromeda</i>	19 33	0 11	2 59

THE brightest of the Seven \* is of the third Magnitude, and hath 61 Degrees of Meridian Altitude, and in Colour participates of the h and ♂.

The fixed Stars all rise South, and set about 4 Minutes sooner every Night than they did the Night before. This considered, the exact Time of their Rising, Southing, and Setting, for any intermediate Night not herein noted, may be very easily deduced from these Tables, by Inspection only.

To know the Time of the Rising, Southing, and Setting of any Star in this Table, for any Day required, it is but considering how many Hours and Minutes that Star rises, souths, or sets, either before or after the Seven Stars on that Day, and you will have your Desire; observing, that, in this Table, a stands for after, and b for before.



## Of the four Quarters of the Year.

## S P R I N G.

**T**HE pleasant Season of Spring, at whose Return all Things begin to look fresh and flourishing, hath its Beginning this Year on Sunday the 20th of March, at Two o' Clock in the Morning. The Strength of Men, as well as the Year, is now renewed. As the Night loseth her Regency, the Days encrease, and shew a happy Resurrection of all Things growing upon Earth.

*Man chearfully now views th' enamell'd Fields,  
Which many sweet Delights unto him yields;  
There grows the beauteous Flower, whose fragrant Scent  
Ravish our Sense, and gives the Soul Content;  
Melodious Birds are chanting ev'ry where,  
And with sweet Harmony delight the Ear  
So shrill the Music of their charming Throats,  
That Rocks return the Echo of their Notes.*

The Spring Season is the most temperate Time of the Year, and the least Breeder of Diseases that prove mortal; but is a very proper Season to remove Sickness and Grievs got before, and also to avoid and prevent what might otherwise follow: The Senses and Spirits of Man, and all other Creatures, are now quickened and revived, and therefore the Humours which do abound, and are more forward to oppress Nature, are fit to be emptied and avoided, whether by Bleeding, Purgings, or otherwise, as the Cause of the Disease requires.

## S U M M E R.

This Quarter takes its Beginning when that mighty Luminary the Sun, being mounted on his Apogean Chair of Honour, is removed to his greatest Northern Distance from the Equator, making to us the longest Days, and shortest Nights, which Point of Time happens this Year on Tuesday the 21st Day of June, at 21' after Midnight. This Quarter is naturally hot and dry, and favourable to aged People, but debilitates Youth. When this Season is very dry, with frequent North Winds, and the succeeding Autumn proves rainy, there will be an Increase of Consumptions, Pains in the Stomach and Head, with Coughs, Rheums, and Hoarseness, the Winter following.

## A U T U M N,

Or the Harvest Quarter, begins at the declining Equinox, when the Days and Nights are again equal all the World over, as at the Beginning of the Spring. This Season always commences when the Sun appears to touch the first Point of *Libra*, which it does this Year on *Thursday* the 23d Day of *Sept.* at 2 Hours past Noon. The *Jews* own this for the first Quarter of the Year, or the Season in which the World was created, because Trees are now perfect in their Fruits, and the Scripture says, *The Earth brought forth the green Herb, yielding Fruit according to its Kind.*

*Hippocrates* calleth this Quarter the Mother and Nurse of deadly Diseases, because of the Intemperature and variable Constitution of the Weather: And *Galen* saith it is the most pestilential and dangerous Time of all the Year. Now the Pores of the Body are opened by a false Spring Heat, then suddenly closed again by Autumnal Colds, so that many dangerous Distempers are now ingender'd; such as sharp Fevers, Vertigoes, Apoplexies, Lethargies, Palsies, Innations Madness, windy Distempers, Obstructions, and the like. Which to prevent, proper Evacuations must be used, also comfortable and wholesome Diet. Avoid Excess of Liquors of any Kind, and beware of taking cold.

## W I N T E R.

This Quarter is the chiefest Foe to the *Spring*, the Disgrace of *Summer*, and the great Devourer of the fruitful Harvest. It takes its Beginning this Year on the 21st Day of *December*, at 8 Hours in the Morning. The *Sun* is now in his greatest Declination towards the *South*, which maketh this Season cold and moist, causing Superfluities; the Pores of the Body are now closed up, and the vital Heat draweth inwards to comfort and support the Spirits, which causeth a greater Appetite to Meat and Drink than at other Times.

**A necessary Table, shewing what Part of Man's Body is governed by every Planet in any of the twelve Signs.**

S	h	u	♂	☉	♀	♂	☽
♈	Breast Arms	Neck Throat Heart Belly	Belly Head	Thighs	Reins Feet	Secrets Legs	Knees Head
♉	Heart Breast Belly	Should. Arms Belly Neck	Reins Throat	Knees	Secret Memb. Head	Thighs Feet	Legs Throat
♊	Belly Heart	Breast Reins Secrets	Secrets Arms Breast	Legs Ancles	Thighs Throat	Knees Head	Feet Should. Arms Thighs
♋	Reins Belly Thighs	Heart Secrets Thighs	Breast Thighs	Feet	Knees Should. Arms	Legs Throat Eyes	Head Breast Stom.
♌	Secrets Reins	Belly Thighs Knees	Knees Heart Belly	Head	Legs Breast Heart	Feet Arms Should. Throat	Throat Stom. Heart
♍	Thighs Secrets Feet	Reins Knees	Legs Belly	Throat	Feet Stom. Heart Belly	Head Breast Heart	Arms Should. Bowels
♎	Knees Thighs	Secrets Legs Head Eyes	Feet Reins Secrets	Should. Arms	Head Small Guts	Throat Heart Stom. Belly	Breast Reins Heart Belly
♏	Knees Legs	Thighs Feet	Head Secrets Arms Thighs	Breast Heart	Throat Reins Secrets	Should. Arms Bowels Back	Stom. Heart Secrets Belly
♐	Feet Legs	Head Knees Thighs	Throat Thighs Hands Feet	Heart Belly	Should. Arms Secrets Thighs	Breast Reins Heart Secrets	Belly Thighs Back
♑	Feet Head	Legs Neck Eyes Knees	Arms Should. Knees Legs	Belly Back	Breast Heart Thighs	Stom. Heart Secrets	Reins Knees Thighs
♒	Neck Head	Feet Arms Should. Breast	Breast Legs Heart	Reins Secrets	Heart Knees	Bowels Thighs Heart	Secrets Legs Ancles
♓	Arms Should. Neck	Head Breast Heart	Heart Feet Belly Ancles	Secrets Thighs	Belly Legs Neck Throat	Reins Knees Secrets Thighs	Thighs

*The Use and Reason of the Table on the other Side.*

**I**T was near Four Years after I had studied Astrology, before I could find any Reason why the Planets in every of the Twelve Signs should signify the Members as mentioned in the preceding Table; at last reading the 88 Aphorisms of *Hermes*, I understood the Meaning of it, *viz.* *Erit impedimentum circa illam partem corporis quam significat signum quod fuerit natiuitatis tempore impeditum*; There will be some Impediment in or near that Part of the Body, which is signified by the Sign that shall be afflicted at Time of the Birth. The Use of all comes to thus much.

That if you would know where any Disease is, I mean in what Member of the Body, see in what Sign the Significator of the sick Party is, and what Part of Man's Body that Planet signifies in that Sign, which you may do by the former Table, in that Member or Part of the Body where you shall say the sick Party is grieved or diseased.

As for Example; if ♄ be Significator of the sick Party, and at the Time of your Question in the Sign II; have recourse to your Table on the other Side, and you see ♄ in II signifieth a Disease in the Belly or Heart, &c. Do so in the rest.

Now the Reason of this Signification of every Planet in such or such a Sign is this.

Every Planet in his own House or Sign governeth the Head; in the second Sign from his House the Neck; in the third Sign from his House the Arms and Shoulders; and so successively through the Twelve Signs: as ♄ in Sign V ruleth the Head; in ♊ the Neck; in ♋ Arms and Shoulders: so ♃ in ♈ ruleth the Head, in ♉ the Neck, in ♊ the Arms and Shoulders.

The ☿ observes the same Order as the rest; yet the *Arabs*, from whom this Learning is, do allow her in ♈ the Head as well as the Knees; the Head, because *Aries* signifies so much; the Knees, because *Aries* is the ninth Sign from *Cancer*. You may observe this in the Marks of Man's Body, and make singular Use of it; ever remembering this, the more the Sign is vitiated the greater Mole or Scar, or the nearer to an Azimene, pitted or deficient Degree of Sign, the stronger is vanity and Sickness.

*TinZura Cathartica nostra.* Our purging-Tincture.

**T**AKE the Spirit of Lavender, five Quarts; choice Sens twenty Ounces; Powder of Jalap. five Ounces: Mix them, and digest in a warm Balneo Mariæ eight or ten Days shaking the Glass two or three Times a Day; then being settled; decant the clear Tincture for Use.

It is an exceeding good Thing against all Chronic, or old Hypochondriac Diseases, as Dropsies, Jaundices, Scurvy, Gout and Head-Achs, Megrims, Vertigoes, Dullness and Drowsiness, and other cold and moist Distempers of the Head and Brain.

It powerfully opens Obstructions, and takes away Pains of the Liver, Spleen, Mesentery, and Womb, is good against Nauseousness, Loathing and Vomiting, and cleanses a foul Stomach, causing a good Appetite and Digestion, opening all those, and cleansing and comforting them.

It cures the Gout, Rheumatism, King's Evil, Cachexia, and other stubborn and rebellious Diseases, it prevails powerfully against Loathing in Virgins, the Green Sickness, and other like Distempers incident to that Sex, and so admirably takes them away, that they never return again; it is a very excellent Thing to cure all hard and difficult Diseases, and is good in the Pox, Gonorrhœa, Scabs, Leprosies, Mophews, old and running Sores, Ulcers, Fistulas, Hypochondriac Melancholy, and other like inveterate and malignant Diseases: It takes away the Causes in Fits of the Mother, and is so great a Thing against the Scurvy, that it has but few Equals, for it purges admirably, and powerfully evacuates all watery Humours by Stools, after a pleasant and wonderful Manner.

It purges all Humours, even to a Miracle, but chiefly such as are watery, Things viscous and melancholy, and is of exceeding Use to such as are Itchy, Mangy, or Leprous, or have old filthy running Sores about them, especially in the Legs, and Parts depending; it removes Scabs and Venereal Blotches, facilitates the Cure of the French Pox, being given after the Use of Mercurials. Dose: you may give from half a Spoonful to a Spoonful, two Spoonfuls, or more, as you have occasion, respecting the Age and Strength of the Sick; to Children and weak Persons, small Doses; to sicker People, stronger Doses.

*The universal purging Pills, prepared and sold by Edward Sharpe,  
of Stamford, in Lincolnshire.*

**T**HESE Pills are peculiar in the Cure of the Scurvy, Dropsy, and Gout, they cure the Scurvy (the chief reigning Disease in this Kingdom) when grown so bad as to become scandalous, for the Scurvy often causes great Pains in the Head, Shoulders, Arms, Legs, and Bones, with other Pains all over the Body, Dullness, Heaviness, or Breakings out in the Skin, Weakness in the Joints. It cures lingering Diseases, Melancholy; they are admirably good against Consumptions; not so much from their adding of Matter, as by taking away the Obstructions which hinder the Nourishment from going to its respective Parts; in which Disease, as also in the King's Evil, whether in old or young, they have scarcely been known to fail. These Pills are excellent Head-purgers for all Diseases therein, as Head-Ach, Megrim, or Giddiness, Lethargy, Frenzy, Melancholy, Dimness of Sight, Rheums in the Eyes, &c. they are excellent against Risings, Vapours, Cloggings, Stuffings or Gnawings, or Illness at Stomach, they purge by Stool; Phlegm, Cholera, they dispose old Ulcers, Fistulas, running Sores, sore Breasts, sore Eyes, scald Heads, old Wounds, Gangreenes, Cancers, Tetters, Ringworms, Scabs, Salt Humours, or any other Breakings out, as Pusheas, Boils, Wheals, to a speedy healing, by purging away the evil Humours which feed them. They cure Fevers and Agues of all Sorts, although of two or three Years standing, and given over by all Physicians, and when almost every one thought the Hope of Recovery had been past. They kill Worms to a Wonder, both in old and young, and cause a good Appetite and a strong Digestion.

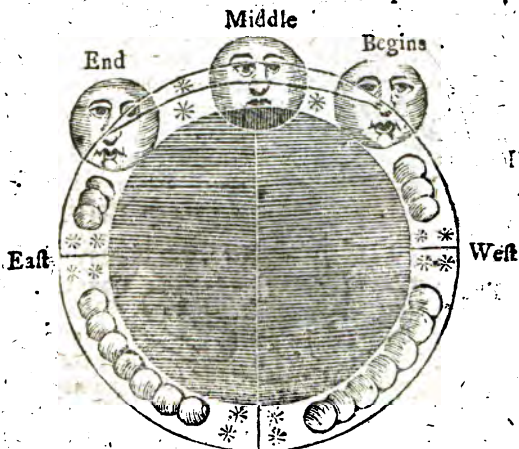
They are one of the best Remedies in the World against the Dropsy and Gout, taking away all swelling from the Belly, Thighs and Legs, and all Manner of Pains from the very Bones, when no other Means whatsoever will do. All that ever we knew take these Pills, have found good at the first taking, and several Hundreds, yea, Thousands of People who have taken them, have given them these Commendations. They cleanse the Body of Wind, Water, and ill Humours, without the least Gripping or making Sick, (unless the Stomach be very foul) or any Way weakening the Body, which done, they work  
v, for they will work no longer than there is diseased  
work on.

Of the Eclipses for this Year 1768.

**T**Here will be six Eclipses this Year, viz. three of the Sun, and three of the Moon; none but those of the Moon will be visible to the Inhabitants of *Great Britain*.

The first is a partial visible Eclipse of the Moon, on *Monday* the 4th Day of *January*, which will be conspicuous at *Stafford*, if the Air be clear, in the Morning, and may be expected to correspond with the following Type and Calculation.

	H.	M.	S.	
The Beginning the 4th Day, at	3	15	57	} P. M.
The Ecliptic	8	4	18	
Middle of the Eclipse	4	25	49	
End of the Eclipse	5	34	41	
Duration	2	17	44	} App. Time.
Digits eclipsed	4°	43	—	
The Semidiameter of the Earth Shadow				40 47
The Semidiameter of the Moon				15 39
Latitude of Moon at the Beginning North Dec.				47 29
Latitude at Middle of the Eclipse				44 7
Latitude of the Moon at the End of the Eclipse				40 50



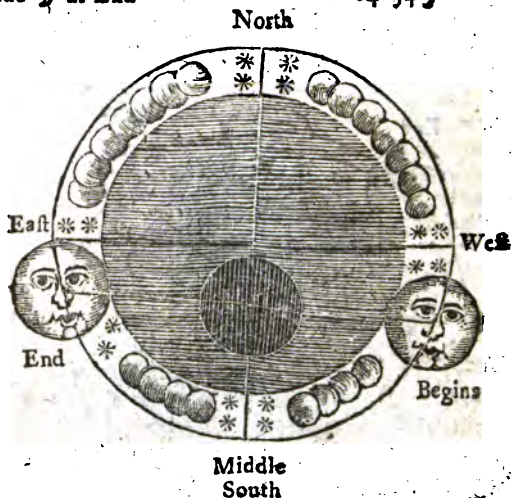
The second Eclipse is an invisible one of the Sun, on *Tuesday* the 19th Day of *January*, at six o'Clock at Night.

The third is a total Eclipse of the Moon, on *Thursday*

# S A U N D E R S, 1768.

30th Day of *June*, in the Morning; it is but partly visible in the Island of *Great Britain*, by reason the Moon will set totally eclipsed some few Minutes after the Middle of the Eclipse; it may be expected to agree with the following Calculations and the Type.

	D. H.	
Beginning of this Eclipse at <i>Stamford</i>	30 2 0 18	} App. Time.
The total Immersion, at	3 15 18	
Ecliptic Opposition, at	3 39 39	
Middle of the Eclipse, at	3 43 36	
The Beginning of the Emerſion	4 11 54	
Continuance of Eclipse in the Shade	0 56 36	} South Dec.
The End of the Eclipse	5 26 54	
Duration of the Eclipse	3 26 36	
Digits eclipsed	13° 44 —	
Semidiameter of Earth Shadow	40' 39"	
The Semidiameter of Moon	15 32	
Latitude $\Delta$ at Beginning	24 44	} South Dec.
Latitude $\Delta$ at Middle	20 38	
Latitude $\Delta$ at End	14 54	



The fourth is an Eclipse of the Sun, on *Thursday* the 14th *July*, at two in the Morning, therefore not visible to the *Isles of Great Britain*, so for that reason, I shall speak no more upon it.

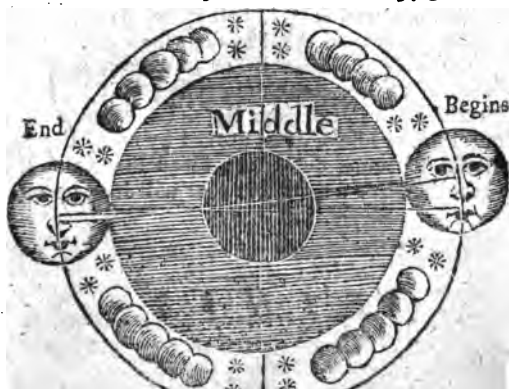
The



The fifth is also an Eclipse of the great Luminary the Sun, on *Friday* the 9th Day of *December*, at nine o'Clock in the Morning, but invisible in our Horizon, by reason of the Luminary's great Distance from the Node, and the Moon's great South Latitude.

The sixth and last is a very great, visible, and total Eclipse of the Moon, but only the latter End will be seen in *Great Britain*, by reason the Moon will not rise till half an Hour after the Middle of the Eclipse, the Moon then rising totally eclipsed, which will happen on *Friday* the 23d Day of *December*, according to the following Calculations and the Type.

	H.	M.	S.	
The Beginning at Stamford	1	22	11	
Total Immerfion	2	20	13	
Ecliptic Opposition	3	8	8	
Middle of the Eclipse	3	8	28	
Time of $\Delta$ rising	3	40	0	
Beginning of the Emerfion	3	56	43	
End of the Eclipse	4	54	45	
Continuance in the Shade	1	36	30	} App. Time.
Continuance in Def. after $\Delta$ rises	0	16	43	
Duration of Eclipse after $\Delta$ rises	1	14	45	
Whole Duration	3	32	34	
Digits eclipsed	20°	46'	—	
Semidiameter of Earth Shadow	44	4"		
Semidiameter of Moon	16	24		
Latitude $\Delta$ at Beginning	9	22		} North Dec,
Latitude $\Delta$ at Middle	3	42		
Latitude $\Delta$ at End of Eclipse	1	57		} South Afc.



*A Cataplasm for a Scorbutic Gangreen in a Woman's Breast.*

**T**HE Woman said at her first taking it, it seemed as if a Dart had been shot through her left Shoulder, thereupon her Breast began to pain her and to wax black, she by Accident, upon the Way, after some Time, met with an old Midwife who was very skillful that way, to whom she declared her Case; the Midwife advised her to a Cataplasm, to be made of Linseed and Milk, ( $\frac{1}{2}$  lb of Seed to a Quart of Milk) to maturate the Tumour, but when she saw it, quoth she, it is mature enough already to break, whereupon she ordered her to use a Cataplasm of roasted Onions and Mithridate, ana equal Parts, which she applied that Night, and in the Morning the dead Flesh was all separated from the living, then she tented it with Basilicon, which she used during the Cure, upon which was laid the following Cataplasm.

**R** Yolks of Eggs  $\frac{3}{4}$  ij, Turpentine, Butter, Barley Flour, Honey of Roses, ana half an Ounce, incorporate them all in a Mortar, and spread it on Linen; and to defend the Heart, she took Morning and Evening  $\frac{3}{4}$  i of Mithridate, in  $\frac{3}{4}$  iij or iv of Baum Water, which she likewise continued during the Cure. Now at every Dressing it bled black malignant Blood for three Weeks, after which it quickly healed.

*For a Pain in the Head and Tooth-Ach, from cold Rheume.*

**R** Grains of Paradise  $\frac{3}{4}$  j, Salt Petre  $\frac{3}{4}$  ss, pulverize and mix a Grain or two of this Powder; snuff it up the Nostril on the same Side the Pain is, or into both if the Pain be on both Sides: it is a present Cure, causing the superfluous Moisture to come forth out of your Eyes, Nose and Mouth, even to Admiration, as I have often proved by many Experiments. It expels the Rheumes out of the Head that cause the Pain, it will heat the Nose a little, but that will soon go off.

Ὀλύμπια Δώματα·

OR, AN

# ALMANACK

For the YEAR of

Our LORD GOD, 1768.

BEING

BISSEXTILE, or LEAP-YEAR,

And from the World's Creation, 5772.

Wherein is contained the Lunations, Conjunctions, Aspects, and Effects of the Planets; the Increase, Decrease, and Length of the Days and Nights; with the Rising, Southing, and Setting of the Planets and fixed Stars throughout the Year; whereby may be known the exact Hour of the Night at all Times, when either the Moon or Stars are seen.

Calculated according to Art, and referred to the Horizon of the ancient and renowned Borough-Town of *Stamford* (formerly a famous University) whose Latitude is 52 Deg. 40 Min. fitting all the middle Counties of *ENGLAND*, and without sensible Error the whole Kingdom.

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*Non est à Terris mollis ad Astra Via.*

---

By TYCHO WING, *Philomath.*

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L O N D O N :

Printed by T. PARKER, for the Company of

STATIONERS.

PRICE NINE-PENCE Stitched,

# COMMON NOTES for the YEAR 1768.

Golden Number	2
Cycle of the Sun	13
The Epact	11
Dominical Letters	C B
Number of Direction	13
Roman Indiction	1

## TABLE of TERMS and their RETURNS.

Hilary Term begins *Jan. 23*, ends *Feb. 12*.

Returns or Effoign-days.		Exc.	Ret	Ap	W. D.
Eight Days of <i>St. Hilary</i> ,	<i>Jan. 20</i>	21	22	23	Saturd.
From the Day of <i>St. Hilary</i> in 15 Days,	27	28	29	30	Saturd.
On the Morrow of the Purif. Blessed <i>Mary</i> , <i>Feb. 3</i>	4	5	6		Saturd.
Eight Days of the Purif. of Blessed <i>Mary</i> ,	9	10	11	12	Friday

Easter Term begins *April 20*, ends *May 16*.

From the Day of Easter in 15 Days,	<i>April 17</i>	18	19	20	Wedn.
From the Day of Easter in 3 Weeks,	24	25	26	27	Wedn.
From the Day of Easter in 1 Month,	<i>May 1</i>	2	3	4	Wedn.
From the Day of Easter in 5 Weeks,	8	9	10	11	Wedn.
On the Morrow of the Ascension,	13	14	15	16	Mond.

Trinity Term begins *June 3*, ends *June 22*.

On the Morrow of the Holy Trinity,	<i>May 30</i>	31	1	2	Friday
On eight Days of the Holy Trinity,	<i>June 5</i>	6	7	8	Wedn.
On 15 Days of the Holy Trinity,	12	13	14	15	Wedn.
On 3 Weeks of the Holy Trinity,	19	20	21	22	Wedn.

Michaelmas Term begins *Nov. 7*, ends *Nov. 28*.

On the Morrow of All Souls,	<i>Nov. 3</i>	4	5	7	Mond.
On the Morrow of <i>St. Martin</i> ,	12	13	14	15	Tue. d.
On eight Days of <i>St. Martin</i> ,	18	19	20	21	Mond.
On 15 Days of <i>St. Martin</i> ,	25	26	27	28	Mond.

*N. B.* No Sittings in *Westminster-Hall* on Ascension-day, Midsummer-day, and the 2d of *February*.

The *Exchequer* opens eight Days before any Term begins, except Trinity, before which it opens but four Days.

*Note.* The first and last Days of every Term, are the first and last Days of Appearance.

# W I N G 1768.

## The REGAL Table.

The Year, Month, and Day, when each King and Queen began to Reign, accounting the Year to begin Jan. 1.		Length of each Reign, accountin. <sup>28</sup> D. a Month.			Number of Years expired since they began to Reign.	
Kings Names began to reign		Y.	M.	D.	Beg	Kings Names.
William I.	1066 Oct. 14	20	11	22	702	William 1
William II.	1087 Sept. 9	12	11	18	681	William 2
Henry I.	1100 Aug. 1	35	4	12	668	Henry 1
Stephen	1135 Dec. 2	18	11	19	633	Stephen
Henry II.	1154 Oct. 25	34	9	2	614	Henry 2
Richard I.	1189 July 6	9	9	22	579	Richard 1
John	1199 April 6	17	7	1	569	John
Henry III	1216 Oct. 19	56	1	1	552	Henry 3
Edward I.	1272 Nov. 16	34	8	9	496	Edward 1
Edward II.	1307 July 7	19	7	6	464	Edward 2
Edward III.	1327 Jan. 25	50	5	7	441	Edward 3
Richard II.	1377 June 21	22	3	16	391	Richard 2
Henry IV.	1399 Sept. 29	13	6	4	369	Henry 4
Henry V.	1413 Mar. 20	9	5	24	355	Henry 5
Henry VI.	1422 Aug. 31	38	6	17	346	Henry 6
Edward IV.	1461 Mar. 4	22	1	8	307	Edward 4
Edward V.	1483 April 9	0	2	18	285	Edward 5
Richard III.	1483 June 22	2	2	5	285	Richard 3
Henry VII.	1485 Aug. 22	23	8	19	283	Henry 7
Henry VIII.	1509 Apr. 22	37	10	1	259	Henry 8
Edward VI.	1547 Jan. 28	6	5	19	221	Edward 6
Q. Mary I.	1553 July 6	5	4	22	215	Q. Mary 1
Q. Elizabeth	1558 Nov. 17	14	4	19	210	Q. Elizabeth
James I.	1603 Mar. 24	22	0	3	65	James 1
Charles I.	1625 Mar. 27	23	11	1	143	Charles 1
Charles II.	1649 Jan. 30	36	0	7	119	Charles 2
James II.	1685 Feb. 6	4	0	17	83	James 2
Will. 3. & M	1689 Feb. 13	13	0	14	79	William 3
Q. Anne	1702 Mar. 8	12	5	6	66	Q. Anne
George I.	1714 Aug. 1	12	11	6	54	K. George 1
George II.	1727 June 11	13	4	13	41	K. George 2
George III,	1760 Oct. 25	Whom God grant long to Reign				

A TABLE of the Moon's Southing, of excellent Use to find the Time of High-Water, and Hour of the Night, for the first six Months of this present Year 1768.

Days	Jan. h. m.	Feb. h. m.	March h. m.	April h. m.	May h. m.	June h. m.
1	9A.55	11A.16	10A.45	11A.38	11A.53	0M.16
2	10 52	Morn.	11 28	Morn.	Morn.	1 10
3	11 48	0 3	Morn.	0 20	0 41	2 2
4	Morn.	0 48	0 10	1 2	1 30	2 56
5	0 42	1 29	0 50	1 47	2 22	3 46
6	1 32	2 9	1 31	2 37	3 15	4 35
7	2 16	2 50	2 13	3 28	4 8	5 24
8	2 58	3 32	2 57	4 20	4 59	6 11
9	3 39	4 13	3 43	5 13	5 50	7 0
10	4 19	4 57	4 32	6 6	6 48	7 51
11	4 59	5 46	5 24	6 59	7 29	8 45
12	5 41	6 37	6 19	7 51	8 18	9 43
13	6 24	7 30	7 13	8 42	9 9	10 43
14	7 10	8 26	8 8	9 33	10 3	11 45
15	7 59	9 22	9 2	10 26	11 3	0A.48
16	8 53	10 18	9 55	11 21	0A.6	1 46
17	9 48	11 15	10 48	0A.20	1 8	2 38
18	10 45	0A.8	11 40	1 20	2 9	3 25
19	11 41	1 0	0A.37	2 22	3 10	4 10
20	0A.39	1 53	1 33	3 22	4 3	4 53
21	1 33	2 46	2 30	4 21	4 52	5 33
22	2 22	3 40	3 31	5 18	5 38	6 14
23	3 12	4 36	4 30	6 10	6 22	6 55
24	4 3	5 35	5 29	6 57	7 2	7 39
25	4 54	6 32	6 25	7 41	7 42	8 23
26	5 47	7 29	7 18	8 23	8 23	9 11
27	6 42	8 23	8 8	9 3	9 5	10 3
28	7 39	9 15	8 52	9 43	9 48	10 57
29	8 36	10 2	9 35	10 24	10 35	11 52
30	9 32		10 16	11 8	11 24	Morn.
31	10 26		10 58		Morn.	

Note. The Moon, or any Star, is said to be South, when they appear in that Quarter of the Heavens in which the Sun is at Noon Day, which for the Moon this Table will direct you;

A Table of the Moon's Southing, of excellent Use to find the Time of High-Water, and Hour of the Night, for the last six Months of the present Year 1768.

Days	July h. m.	August h. m.	Sept. h. m.	Octob. h. m.	Nov. h. m.	Dec. h. m.
1	0M45	1M56	3M24	4M20	6M 2	6M 8
2	1 36	2 42	4 21	5 22	6 49	6 49
3	2 26	3 39	5 19	6 20	7 35	7 31
4	3 15	4 32	6 18	7 13	8 18	8 13
5	4 4	5 26	7 17	8 1	8 58	8 55
6	4 52	6 23	8 14	8 48	9 40	9 40
7	5 41	7 20	9 6	9 33	10 20	10 26
8	6 33	8 19	9 55	10 13	11 3	11 15
9	7 27	9 16	10 41	10 54	11 46	0A. 6
10	8 25	10 11	11 24	11 36	0A. 38	0 55
11	9 26	11 4	0A. 7	0A. 21	1 28	1 46
12	10 27	11 53	0 49	1 6	2 18	2 36
13	11 25	0A. 37	1 31	1 52	3 9	3 23
14	0A. 21	1 21	2 14	2 40	3 58	4 10
15	1 12	2 4	2 59	3 30	4 47	4 58
16	1 58	2 46	3 47	4 20	5 36	5 43
17	2 42	3 27	4 36	5 12	6 23	6 32
18	3 24	4 11	5 26	6 3	7 11	7 23
19	4 5	4 57	6 19	6 54	7 59	8 17
20	4 47	5 46	7 11	7 43	8 50	9 14
21	5 29	6 36	8 4	8 32	9 46	10 16
22	6 13	7 28	8 55	9 23	10 43	11 20
23	7 1	8 21	9 46	10 16	11 44	Morn.
24	7 50	9 15	10 38	11 10	Morn.	0 21
25	8 42	10 9	11 31	Morn.	0 47	1 19
26	9 35	11 2	Morn.	0 7	1 52	2 14
27	10 29	11 52	0 24	1 7	2 53	3 3
28	11 24	Morn.	1 20	2 10	3 47	3 49
29	Morn.	0 43	2 20	3 14	4 37	4 33
30	0 17	1 36	3 19	4 14	5 24	5 15
31	1 9	2 29		5 10		5 56

you; and for the Planets and most remarkable fix'd Stars their Southings are noted in every Month in the Year, by which the Hour of the Night may be readily discover'd.

# W I N G 1768.

*The Use of the preceding TABLE of the Moon's Southing, to find the Time of High-Water, and Hour of the Night.*

I. To find the Time of High Water in most Parts of  
E N G L A N D.

Take the Time of the Moon's Southing for the Day proposed, and to that add the Hours and Minutes which stand against the Place required in the following Table of Sea-Coasts, and the Sum will be the Time of High-Water at the Place required on that Day.

A TABLE of the Sea-Coasts.	H.	M.
Portsmouth, Queenborough, Southampton,	0	00
Rockester, Winchelsea, Flushing,	0	45
Dorset, Gravesend, Ramkins, Guernsey,	1	30
Denbigh, Bell Isle, Holy-Isle, Downs Road,	2	15
London, Timmouth, Whitby, Hartlepool,	3	00
Scarborough, Berwick, Flushing, Staples,	3	45
Flamborough, Humber, Bridlington-Bay,	4	30
Plymouth, Ramsey, Newcastle, Severn,	5	15
Lynn, Fosdyke, Hull, Weymouth, Dartmouth, Cross-keys,	6	00
Boston, Start-Point, Foulness, Bristol Key,	6	45
Bridgewater, Milford-Haven, Lizard, Wintertown,	7	30
Yarmouth, Isle of White, the Needles,	8	15
Isle of Man, Orkney, Pool, South-Foreland,	9	00
Dover, Harwich, Orfordness, Bullen,	10	00
Rye, Solsbay, Margate-Road,	11	15

II. To find the Hour of the Night by the Shadow of the Moon on a Sun-Dial.

1. When the Shadow falls precisely on the Hour 12, then the Time of the Moon's Southing, found in the preceding Table, is the exact Time of Night. But in other Cases,

2. If the Shadow wants of 12, see how much it wants of it; which Time, subtracted from that of the Moon's Southing, leaves the Time of Night. Note, You must add 12 Hours to the Moon's Southing, if need be.

3. If the Shadow has past 12, add the Time that it has past it to the Time of the Moon's Southing; the Sum will be the Time of Night required; abating 12 Hours from that



# The KALENDAR Explain'd.

The LEFT-HAND Pages contain at Top,

The New and Full Moons with their Quarters; also the Rising and Setting of *Jupiter* and *Venus* to every sixth Day.

Below which are *Seven* Columns.

The first is the Days of the Month. The second the Days of the Week, *Sundays* being marked with the Dominical Letter for the Year.

The third Column contains the Fasts and Festivals of the Church of England, and other remarkable Days, as also the Hour and Minute of the Sun's Rising and Setting on certain Days, with other useful Particulars.

The fourth is the Nightly Rising and Setting of the Moon.

The fifth contains the Moon's true Place in Longitude, exactly Calculated from New and Correct Tables.

The sixth contains the Moon's true Declination for every Day at Noon in the Meridian of London.

The seventh contains the Planets Mutual Aspects and Variation of the Air.

On the Tops of the RIGHT-HAND Pages

Are nine Columns, containing the true Longitude and Declination of *Saturn*, *Jupiter*, *Mars*, and *Venus*, to every 6th Day of the Month.

Below which

Are four other Columns. The first is the Days of the Month.

The second Column contains the Sun's true Place.

The third is the Sun's Declination.

The fourth Column, under Observations, you have the Rising, Southing, and Setting of *Saturn*, *Mars*, and *Mercury* to certain Days; also the Moon's Appulse to some noted fixed Stars, and Planets, with many other useful Remarks.

*Nota.* You have the Longitude and Declination of *Mercury*, in the Page after *December*.

# January 1768.

Full Moon the 4th Day, at 4 in the Morn.  
 Last Quarter the 12th Day, at 4 in the Morn.  
 New Moon the 19th Day, at 6 in the Aftern.  
 First Quarter the 26th Day, at 11 in the Morn.

Sat.	Jupiter rises.	Venus rises.
4	11 M 5	3 M 59
7	0 42	4 16
13	0 18	4 14
19	11 A. 51	4 27
25	11 27	4 30

M D	W D	Holy-Days ☉ rises & sets.	Moon sets.	Moon's Place.	Moon's Declin.	Aspects and Weather.
1	F	Circumcision.	5 M 35	7 II 23	25 N 13	Cold rain,
2	S	Sun rises 8 9	6 44	21 3	25 52	snow or fleet.
3	C	2 S. aft. Christ.	7 37	4 39	24 58	
4	M	Sun sets 3 53	☉ rises.	17 40	22 39	
5	T	Old Christ. Day.	5 A 42	0 II 35	19 15	
6	W	Epiphany.	6 57	13 14	15 1	
7	T		8 7	25 37	10 14	
8	F	Lucian.	9 17	7 III 47	5 10	
9	S	Day br. 5 55	10 26	19 48	0 S 3	Sharp Frosty
10	C	1 S. aft. Epiph.	11 33	1 43	5 13	☉ Apogeo.
11	M	Plow Monday.	Morn.	13 36	10 12	☉ weather for
12	T	Old N. Year. da.	0 41	25 32	14 47	☉ ☉ ☉
13	W	Camb. T. beg.	1 51	7 M 35	18 51	Hilary.
14	T	Oxf. T. beg.	3 21	19 49	22 10	some time.
15	F	Twilight 2 6	4 13	2 21	24 34	
16	S	Clock fast 10m.	5 19	15 7	25 46	
17	C	2 S. aft. Epiph.	6 17	28 16	25 35	O. Twelfth da.
18	M	Q. Char. b. d. kt.	7 3	11 W 49	23 51	
19	T	Day br. 5 46	☉ sets.	25 41	20 41	
20	W	Fabian.	5 A 28	9 III 53	16 12	Moderate
21	T	Agnes.	6 55	24 18	10 47	☉ ☉ ☉
22	F	Vincent.	8 20	8 X 50	4 52	weather and
23	S	Term begins.	9 45	23 24	1 N 36	some showers.
24	C	3 S. aft. Epiph.	10 10	7 V 51	7 49	☉ Perigeo.
25	M	Conv. St. Paul.	Morn.	22 14	13 34	
26	T		0 34	6 8 24	18 27	☉ ☉ ☉
27	W	Sun rises 7 39	1 56	20 19	22 18	
28	T	Sun sets 4 23	3 16	4 II 1	24 48	Brisk winds but
29	F	Clock fast 14m.	4 27	17 30	25 50	mostly fair.
30	S	K. Ch. I. Mart.	5 23	0 III 44	25 21	
31	C	Septuag. Sun.	6 6	13 46	23 29	

Wing.	♂	♀	Saturn.	Jupiter.	Mars.	Venus.
	I	II	R Declin.	R Declin.	R Declin.	M Declin.
Jan. 1768.	1	19	29 22 N 29 20	56	6 S. 58	1 13 20 S. 12
	7	19	12 22 30 21	32	7 11 5	20 21 42
	12	18	34 22 31 22	7	7 20 9	28 21 49
	19	18	9 22 31 22	23	7 28 13	37 22 27
	25	17	48 22 32 22	42	7 33 17	48 22 58

M	Sun's D Place.	Sun's Declin.	Observations.
1	10 42	23 S. 2	Saturn sets 23 m. past 7 in the morn.
2	11 43	22 57	Mars rises 54 m. past 4 in the morn.
C 12	45 22	52	Seven Stars south 37 m. past 8 at night.
4	13 46	22 46	Day increased 12 minutes.
5	14 47	22 39	Day 7 hours 48 minutes long.
6	15 48	22 32	
7	16 49	22 25	Saturn sets 55 m. after 6 in the morn.
8	17 50	22 17	Mars rises 51 m. after 4 in the morn.
9	18 52	22 9	Day increased 20 minutes.
C 19	53 22	0	Aldebaran south 54 min. past 8 at night.
11	20 54	21 51	
12	21 55	21 41	Day 8 hours long.
13	22 56	21 31	Saturn sets 26 m. after 6 in the morn.
14	23 57	21 21	Mars rises 48 m. past 4 in the morn.
15	24 58	21 10	
16	25 59	20 59	Day increased 36 minutes.
C 27	0 20	47	Day 8 hours 12 minutes long.
18	28 2	20 35	Mercury rises 49 m. past 6 in the morn.
19	29 3	20 23	Saturn sets 59 m. past 5 in the morn.
20	30 4	20 10	Sun enters 22 m. after 10 in the morn.
21	1 5	19 57	apparent time.
22	2 6	19 43	
23	3 7	19 29	Day increased 56 minutes.
C 4	8 19	15	Day 8 hours 32 minutes long.
15	5 9	19 0	Rigel south 31 m. after 8 at night.
16	6 10	18 45	
17	7 11	18 30	Mars rises 39 m. past 4 in the morn.
18	8 12	18 14	Mercury rises 5 m. after 7 in the morn.
19	9 12	17 58	Saturn sets 15 m. past 5 in the morn.
0 10	13 17	42	Sirius south 43 m. after 9 at night.
C 11	14 17	26	

# February 1768.

Full Moon the 2d Day, at 8 at Night.  
 Last Quarter the 10th Day, at Midnight.  
 New Moon the 18th Day, at 6 in the morn.  
 First Quarter the 24th Day, at 9 at Night.

	☉	Jupiter rises.	Venus rises.
1	10A.59	4M39	
7	10 35	4 46	
13	10 12	4 53	
19	9 48	4 57	
25	9 23	5 0	

M	W	Holy Days	Moon	Moon's	Moon's	Aspects and
D	D	☉ rises & sets.	sets.	Place.	Declin.	Weather.
1	M	Twilight 2 h.	6M39	26 34	20 N 36	* ♃ ♂
2	T	Pur. B. V. Mary	☾ rises.	9 11	16 27	Sharp Air and
3	W	Blaze	5A43	21 36	11 52	frosty Weather.
4	T	Day break 5 25	6 34	3 50	6 51	
5	F	Agatha	8 31	15 55	1 39	
6	S		9 11	27 53	3 S 31	
7	C	Sexages. Sun.	10 20	9 47	8 35	♂ ♃ ♂
8	M	Sun rises 7 18	11 29	21 39	13 16	☾ in Apogeo. }
9	T	Sun sets 4 44	Morn.	3 34	17 30	Moderate for
10	W	Clock fast 15 m.	0 39	15 35	21 3	☿ ☉ ♃
11	T		1 48	27 46	23 46	the Season.
12	F	Term ends.	2 57	10 12	25 23	
13	S	Old Candl. Day.	3 58	22 57	25 46	☿ ♃ ♀
14	C	Shrove Sunday	4 48	6 6	24 42	Valentine.
15	M	Twilight 1 57	5 29	19 40	22 11	☿ ☉ ♃
16	T	Shrove Tuefd.	5 59	3 43	18 16	♂ ☉ ♀ ☿ ♃ ♀
17	W	Ash Wednesd.	6 23	18 10	13 13	
18	T		☾ sets.	2 56	7 16	Brisks Winds &
19	F	Sun rises 6 57	7A16	17 55	0 49	some Showers.
20	S	Sun sets 5 5	8 45	2 57	5 N 39	☾ in Perigeo.
21	C	1 Sun. in Lent.	10 13	17 51	11 45	* ♂ ♀
22	M		11 39	2 31	17 4	
23	T	Day br. 4 53	Morn	16 51	21 18	☿ ♃ ♀
24	W	St. Matthias.	1 2	0 50	24 12	Ember Week.
25	T	Twilight 1 56	2 19	14 25	25 32	
26	F	Sun rises 6 44	3 21	27 41	25 28	Moderate
27	S	Sun sets 5 18	4 7	10 39	23 57	Weather at
28	B	2 Sun. in Lent.	4 42	23 22	21 13	the End.
29	M		5 8	5 51	17 29	

Wing.	Day.	Saturn.			Jupiter.			Mars.			Venus.		
		II	R	Declin.	II	R	Declin.	↑	Declin.	↑	Declin.	↑	Declin.
Feb. 1768.	1	27	26	22 N 32	22	53	7 S. 36	22	41	23 S. 25	27	6	20 S 56
	7	27	11	22 33	22 R 56	7	36	26	54	23 40	3 V 56	21	16
	13	27	0	22 34	22 51	7	32	1 V 7	23 47	10	51	21	26
	9	26	53	22 36	22 40	7	26	5	21 23	45	17	50	20 56
	25	26	50	22 37	22 23	7	19	9	35	23 37	24	52	20 24

M	Sun's	Sun's	Observations.	
D	Place.	Declin.		
1	12	15	17 S	9 Day 9 hours long.
2	13	16	51	Day increased 1 hour 28 minutes.
3	14	17	16 34	Mars rises 35 minutes past 4 in the morn.
4	15	18	16 16	Saturn sets 50 min. after 4 in the morn.
5	16	18	15 58	
6	17	19	15 40	Rigel south 43 minutes past 7 at night.
C	18	20	15 21	Mercury rises 16 min. past 7 in the morn.
8	19	20	15 2	Day 9 hours 24 minutes long.
9	20	21	14 43	Day increased 1 hour 54 minutes.
10	21	22	14 24	
11	22	2	14 4	Procyon south 46 minutes past 9 at night.
12	23	23	13 44	Mars rises 30 min. after 4 in the morn.
13	24	24	13 24	Saturn sets 14 min. past 4 in the morn.
C	25	24	13 4	
15	26	25	12 44	Sirius south 39 minutes after 8 at night.
16	27	25	12 23	Day 9 hours 54 minutes long.
17	28	26	12 2	Day increased 2 hours 24 minutes.
18	29	26	11 41	
19	☿	27	11 20	Sun enters ☿ 12 min. past 1 in the morn.
20	1	27	10 58	Procyon south 12 min. after 9 at night.
C	2	27	10 37	Mars rises 22 min. past 4 in the morn.
22	3	28	10 15	Pollux south 8 min. after 9 at night.
23	4	28	9 53	
24	5	28	9 31	Day 10 hours 24 minutes long.
25	6	29	9 0	Day increased 2 hours 54 minutes.
26	7	29	8 46	Saturn sets 22 min. past 3 in the morn.
27	8	29	8 24	Sirius south 54 min. after 7 at night.
B	9	29	8 1	Mars rises 15 min. past 4 in the morn.
29	10	29	7 39	

# March 1768.

Full Moon the 3d Day, at 2 in the Aftern.  
 Last Quarter the 11th Day, at 6 in the Aftern  
 New Moon the 18th Day, at 4 in the Aftern.  
 First Quarter the 25th Day, at 8 in the Morn.

☉	Jupit.	Venus
rises.	rises.	rises.
7 9A 2	5M 1	
8 37	4 59	
13 8 12	4 57	
19 7 4	4 5	
25 7 20	4 47	

M	W	Holy-Days	Moon	Moon's	Moon's	Aspects and
D	D	☉ rises & sets.	sets.	Place.	Declin.	Weather.
1	T	David.	5M 28	18Ω 12	13N 10	Dark and clou
2	W	Chad.	5 45	0 24	8 18	dy, and some
3	T	Day break 4 39	☉ rises.	12 28	3 12	Wet.
4	F		7A 1	24 26	1 S 58	
5	S	Prs. Hesse bo.	8 11	6 21	7 2	☾ in Apogeo.
6	B	3 Sun. in Lent	9 19	18 13	11 49	* ☉ ☽
7	M	Perpetua	10 28	0 5	16 9	High Winds
8	T	Clock fast 11 m.	11 38	12 0	19 54	and frequent
9	W		Morn.	24 0	22 51	Showers.
10	T	Sun rises 6 20	0 47	6 5	24 47	
11	F	Sun sets 5 42	1 49	18 30	25 25	
12	S	Gregory	2 43	1 10	25 4	☐ ♃ ☽
13	B	Midlent Sund.	3 27	14 12	23 11	Mild and tem-
14	M	Twilight 1 57	4 2	27 39	19 59	perate Weather
15	T		4 28	11 39	15 30	for some time.
16	W	Day br. 4 11	4 51	26 4	10 2	☐ ☉ ☽
17	T	St. Patrick	5 10	10 57	3 50	Δ ♃ ☽
18	F	Ed. K. W. Sax.	☉ sets.	26 8	2N 41	
19	S	Prs. Louisa bo.	7A 47	11 27	9 6	☾ in Perigeo.
20	B	5 Sun. in Lent	9 18	26 42	14 55	
21	M	Benedict.	10 48	11 42	19 44	
22	T		Morn.	26 20	23 12	
23	W	Sun rises 5 54	0 8	10 28	25 6	High Winds
24	T	Sun sets 6 8	1 17	24 9	25 24	and wet Wea.
25	F	Lady-Day.	2 11	7 24	24 13	D. York bo.
26	S	Oxf. T. ends.	2 51	20 18	21 46	Cam. T. ends
27	B	Palm Sunday.	3 20	2 52	18 19	ther about this
28	M		3 42	15 11	14 8	Time.
29	T	Day br. 3 40	3 59	27 22	9 26	
30	W	Cl. fast 5 min.	4 15	9 23	4 28	☉ ☽ ☽
31	T	Maund. Thurf.	4 30	21 20	0 S. 40	

Wing.	Saturn.	Jupiter.	Mars.	Venus.
	Declin.	Declin.	Declin.	Declin.
Mar.	26 53 22 N 38 22 3	7 S. 13 13 8 13 S. 22 0 45	19 S 23	
1768.	7 26 53 22 39 21 34	6 59 17 24 22 59 7 51	18 3	
	13 27 4 22 40 21 0	6 46 21 40 22 28 15 0	16 26	
	19 27 16 22 41 20 22	6 30 25 57 21 49 22	10 14 32	
	25 27 32 22 43 19 40	6 14 0 15 21 4 29 22 12 23		

M.	Sun's Place.	Sun's Declin.	Observations.
1	11 29	7 S. 16	Day 10 hours 44 minutes long.
2	12 29	6 53	Day increased 3 hours 14 minutes.
3	13 30	6 30	Procyon south 27 minutes after 8 at night.
4	14 30	6 7	Mercury sets 53 minutes past 6 at night.
5	15 29	5 44	
6	16 29	5 20	Saturn sets 50 min. after 2 in the morn.
7	17 29	4 57	Mars rises 7 min. past 4 in the morning.
8	18 29	4 34	Hydra's Heart south 58 m. past 9 at night.
9	19 29	4 10	
10	20 29	3 47	Day 11 hours 20 minutes long.
11	21 29	3 23	Day increased 3 hours 50 minutes.
12	22 28	2 59	Saturn sets 28 min. past 2 in the morn.
B 13	28 2	36	
14	24 28	2 12	Mercury's greatest Vesper Elong. from
15	25 27	1 48	the Sun $18^{\circ} 21'$ ; sets 1 h. 52 m. aft. him.
16	26 27	1 25	Mars rises 56 min. after 3 in the morn.
17	27 27	1 1	
18	28 26	0 37	Saturn sets 8 minutes past 2 in the morn.
19	29 26	0 14	Mercury sets 47 minutes past 7 at night.
B 20	25 0 N	10	Sun enters $\Upsilon$ 43 min. after 1 in the morn.
1	1 25	0 34	Day 12 hours 4 minutes long.
2	2 24	0 57	Day increased 4 hours 34 minutes.
3	3 23	1 21	
4	4 23	1 45	Deneb south 19 min. after 11 at night.
5	5 22	2 9	Mars rises 43 min. past 3 in the morning.
6	6 21	2 32	Saturn sets 41 min. after 1 in the morn.
B 7	21 2	55	
8	8 20	3 18	Hydra's Heart south 44 m. past 8 at night.
9	9 19	3 42	Day 12 hours 36 minutes long.
10	10 18	4 5	Regulus South 17 min. past 9 at night.
11	11 17	4 28	Day increased 5 hours 10 minutes.

April 1768.

Full Moon the 2d Day, at 8 in the Morn.  
 Last Quarter the 10th Day, at 8 in the Morn.  
 New Moon the 16th Day, at Midnight.  
 First Quarter the 23d Day, at 9 at Night.

	Jupiter rises.	Venus rises.
1	6A 51	4 M 39
7	sets.	4 31
13	5M 16	4 22
19	4 52	4 13
25	4 28	4 3

W	Holy-Days	Moon sets.	Moon's Place.	Moon's Declin.	Aspects and Weather.
1 F	Good-Friday.	4 M 43	3 15	5 S 43	
2 S	Twilight 2 3	riser.	15 6	10 32	D in Apogeo.
3 E	Easter-Day.	9 A 25	26 59	14 59	
4 M	Monday.	9 36	8 m 53	18 51	* 8 8
5 T	Tuesday.	10 43	20 51	22 0	Old Lady-Day
6 W		11 47	2 2 55	24 10	8 0 7
7 T	Sun rises 5 25	Morn.	15 5	25 14	
8 F	Sun sets 6 37	0 44	27 30	25 6	
9 S	Day br. 3 11	1 30	10 w 6	23 39	Changeable
10 B	Low Sunday.	2 6	23 4	20 57	Weather for
11 M		2 36	6 24	17 3	several Days.
12 T	Twilight 2 11	2 59	20 12	12 9	
13 W	Ox. & Ca. T. be.	3 20	4 29	6 26	
14 T	Clock with ☉	3 38	19 9	0 13	
15 F	Sun rises 5 9	3 57	4 26	6 N 10	
16 S	Sun sets 6 53	sets.	19 34	12 15	D in Perigeo.
17 B	2 S. aft. Easter.	8 A 21	4 53	17 36	
18 M		9 48	20 2	21 45	* ☉ h □ h 8
19 T	Alphege.	11 6	4 50	24 20	Mild Weather,
20 W	Term begins.	Morn.	19 11	25 14	and
21 T	Day br. 2 40	0 9	3 0	24 31	some fruitful
22 F		0 55	16 22	22 23	Showers.
23 S	St. George.	1 29	29 19	19 8	
24 B	3 S. aft. Easter.	1 54	11 54	15 5	
25 M	St. Mark.	2 12	24 11	10 29	
26 T	Twilight 2 26	2 28	6 18	5 35	
27 W		2 42	18 16	0 31	
28 T	Clock slow 3m.	2 57	0 10	4 S 31	
29 F	Sun rises 4 44	3 11	12 2	9 23	D in Apogeo.
30 S	Sun sets 7 18	3 26	23 55	13 54	



ing	Days	Saturn.		Jupiter.		Mars.		Venus.									
		II.	Declin.	♊	R. Declin.	♊	Declin.	♊	Declin.								
pril 168.	1	27	56	12N	44	18	48	5S	55	5	16	20S	2	7	47	9S	37
	7	28	20	22	45	18	2	5	37	9	34	9	2	15	0	7	3
	13	28	47	32	47	17	16	5	15	13	52	17	57	22	14	4	23
	19	29	17	22	48	16	31	5	2	18	10	16	47	29	29	1	37
	25	29	49	22	49	15	48	4	48	22	28	15	31	6	45	1N	11

Sun's Place.	Sun's Declin.	Observations.
12	16	4 N 51
13	15	5 14
14	14	5 37
15	13	6 0
16	12	6 23
17	11	6 45
18	10	7 8
19	9	7 30
20	7	7 52
21	6	8 15
22	5	8 37
23	4	8 58
24	2	9 20
25	1	9 42
25	59	10 3
26	58	10 24
27	57	10 45
28	55	11 6
29	53	11 27
8	52	11 47
1	50	12 8
2	49	12 28
3	47	12 48
4	45	13 8
5	44	13 27
6	42	13 46
7	40	14 5
8	38	14 24
9	36	14 42
10	35	15 1

Mars rises 32 min past 3 in the morning.  
 Saturn sets 18 min. after 1 in the morn.  
 Day 12 hours 56 minutes long.  
 Day increased 5 hours 30 minutes.  
 Deneb south 32 minutes past 10 at night.  
 Mercury rises 54 m. after 4 in the morn.  
 See gentle Brooks, how quietly they glide,  
 Kissing the rugged Banks on either Side;  
 While in their chrystall Streames at once they show,  
 And with them feed the Flow'rs which they bestow.  
 Mars rises 7 min. after 3 in the morning.  
 Saturn sets 27 min before 1 in the morn.  
 Vindemiatrix south 8 m. past 11 at night.  
 Day 13 hours 50 minutes long.  
 Day increased 6 hours 20 minutes.  
 Sun enters 8 42 min. past 2 in the aftern.  
 Mercury rises 22 m. after 4 in the morn.  
 Mars rises 52 min. past 2 in the morning.  
 Saturn sets 53 min. before 1 in the morn.  
 Day 14 hours 14 minutes long.  
 Day increased 6 hours 44 minutes.  
 Arcturus south 42 min. past 11 at night.  
 Mercury's greatest matutine Elong. from  
 the Sun 26° 40' rises 31 min. before him.

May 1768

Full Moon the 1st Day, at Midnight.  
 Last Quarter the 9th Day, at 6 in the Afternoon.  
 New Moon the 16th Day, at 8 in the Morning.  
 First Quarter the 23d Day, at Noon.  
 Full Moon the 31st Day, at 3 in the Afternoon.

Days	Jupiter sets.	Venus rises.
1	4 M 5	3 M 53
7	3 41	3 43
13	3 17	3 33
19	2 52	3 22
25	2 27	3 13

W D	Holy-Days ☉ rises & sets.	Moon sets.	Moon's Place.	Moon's Declin.	Aspects and Weather.
1	B S. aft. Easter.	3 M 45	5 M 51	17 S 57	St. Phil. & Jam.
2	V Day br. 2 2	☉ rises.	17 50	21 12	8 ♄ ♀ 7 1st
3	T Inv. of the Cross	9 A 45	29 55	23 36	8 ♄ ♀ 5 Day.
4	W Twilight 2 42	10 46	12 7	24 56	Brisk Winds
5	T	11 35	24 29	25 4	and
6	F St. John A.P.L.	Morn.	7 W 1	23 54	some Rain.
7	S Sun rises 4 29	0 13	19 46	21 30	Δ ♄ ♀
8	B Rogat. Sunday	0 44	2 46	17 58	
9	M Sun sets 7 34	1 8	16 7	13 27	Fine and
10	T	1 28	29 50	8 9	very pleasant
11	W Clock flow 4m.	1 46	13 54	2 17	Weather.
12	T Holy Thursd.	2 4	28 21	3 N 50	Old May Day.
13	F Twilight 3 5	2 22	13 7	9 52	☾ in Perigeo.
14	S Day br. 1 14	2 44	28 7	15 25	
15	B S. aft Easter.	3 9	13 8	13 20	
16	M Term ends.	☉ sets.	28 13	23 18	
17	T	9 A 53	12 58	24 57	* ♄ ♀
18	W Sun rises 4 13	10 47	27 19	24 52	
19	T Q. Char. born.	11 27	11 15	23 15	Oxf. T. ends
20	F Sun sets 7 50	11 56	24 43	20 12	
21	S	Morn.	7 44	16 17	Wind and
22	B Whit-Sunday.	0 18	20 24	11 44	some gentle
23	M Monday.	0 36	2 45	6 51	Showers.
24	T Tuesday.	0 56	14 52	1 48	
25	W Ember Week.	1 4	26 51	3 S 17	
26	T Augustine	1 18	8 44	8 11	* ♄ ♀
27	F Ven. Bede.	1 32	20 37	12 47	☾ in Apogeo.
28	S	1 49	2 32	16 56	
29	B Trinity Sunday	2 10	14 32	20 25	K Ch. II. Ref.
30	M Sun rises 3 59	2 38	26 40	24 4	
31	T Sun sets 8 2	☉ rises.	8 55	20 40	

Wing.	Day	Saturn ♄ Decl.	Jupiter ♃ Dec.	Mars ♂ Decl.	Venus ♀ Decl.
May	10	24 22N 50	15 9 48 34	26 45 14 S 10	14 1 3N 50
	7	1 2 22 51	14 33 4 21	1 2 12 48	21 17 6 46
1768.	13	1 41 22 50	14 34 10 5	17 11 21 28	33 9 28
	19	2 22 22 51	13 38 4 0	9 31 9 53	58 50 12 4
	25	3 4 22 51	13 19 3 55	13 44 8 23	13 8 14 30

W	Sun's Place.	Sun's Declin.	Observations.
B 1	11 8 33	15 N 19	Mars rises 32 m. past 2 in the morning.
2	12 31 15	37	Saturn sets 34 m. after 11 at night.
3	13 29 15	54	Virgin's Spike south 28 m. past 10 at night.
4	14 27 16	12	
5	15 25 16	29	Day 14 h. 54 m. long.
6	16 23 16	45	Day increased 7 h. 24 m.
7	17 21 17	2	Vindemiatrix south 49 m. past 9 at night.
B 8	18 19 17	18	Mercury rises 53 m. after 3 in the morning.
9	19 16 17	34	
10	20 14 17	50	Scorpion's Heart sou. 6 m. past 1 in the morn.
11	21 12 18	5	Day 15 h. 14 m. long.
12	22 10 18	20	Day increased 7 h. 44 m.
13	23 8 18	35	Mars rises 3 m. past 2 in the morning.
14	24 5 18	49	
B 15	25 3 19	3	Saturn sets 51 m. after 10 at night.
16	26 1 19	17	Mercury rises 40 m. past 3 in the morning.
17	26 59 19	30	Scorpion's Heart south 22 m. before 1 morn.
18	27 56 19	44	Day 15 h. 34 m. long.
19	28 54 19	57	
20	29 52 20	9	Sun enters ♐ 35 m. past 3 in the afternoon.
21	II 49 20	21	Day increased 8 h. 8 m.
B 1	1 47 20	33	Lyra south 33 m. past 2 in the morning.
23	2 44 20	44	
24	3 42 20	55	Mars rises 35 m. past 1 in the morning.
25	4 39 21	6	Mercury rises 34 m. after 3 in the morning.
26	5 37 21	16	Saturn sets 11 m. after 10 at night.
27	6 34 21	26	
28	7 32 21	36	Day 15 h. 58 m. long.
B 8	29 21	45	Day increased 8 h. 26 m.
30	9 27 21	54	Mars rises 19 m. past 1 in the morning.
31	10 24 22	2	

# June 1768.

Days	Jupiter sets.	Venus rises.
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Last Quarter the 7th day, at midnight.  
 New Moon the 14th day, at 4 in the aftern.  
 First Quarter the 22d day, at 4 in the morn.  
 Full Moon the 30th day, at 4 in the morn.

1	1M58	3M2
7	1 32	2 56
13	1 8	2 51
19	0 43	2 48
25	0 19	2 45

M	D	Hbly-Days, rises & sets.	Moon rises.	Moon's Place.	Moon's Declin.	Aspects and Weather.
1	W	Oxf. Term beg.	9 A 30	21 1	22 25 S	5
2	Th	Corpus Christ	10 12	3 15	59 24	12 Δ ☉ ♀ Pleasant
3	F	Term begins.	10 45	16 49	22 2	♂ ☉ ♀ weather
4	S	K. Geo. III. b.	11 11	29 50	18 43	but somewhat
5	B	3 S. aft. Trin.	11 31	13 6	14 23	windy.
6	M		11 51	26 36	9 17	
7	T	Sun rises 3 53	Morn.	10 21	3 37	
8	W	Sun sets 8 8	0 7	24 22	2N 17	
9	Th		0 24	8 35	8 12	D in Perigeo.
10	F	Prs. Amelia b.	0 42	23 2	13 44	
11	S	St. Barnabas.	1 4	7 8	38 18	34 Some showers
12	B	2 S. aft. Trin.	1 34	22 18	22 14	may be
13	M	Cl. flow 1 m.	2 13	6 11	54 24	29 ♂ ♀ ♀
14	Th		D sets	21 23	25 5	expected
15	W	Sun rises 3 49	9 A 15	5 23	31 23	50 about this
16	Th	Sun sets 8 12	9 51	19 19	21 27	time.
17	F	St. Alban.	10 15	2 45	17 48	
18	S		10 34	15 48	13 47	Δ ♀ ♀
19	B	3 S. aft. Trin.	10 50	28 30	8 28	
20	M	Tr Edw. K. WS.	11 4	10 54	3 21	
21	T	Longest-Day.	11 19	23 4	1 S 47	Fair, and very
22	W	Term ends.	11 33	5 4	6 49	D in Apogeo.
23	Th		11 50	16 59	11 32	pleasant
24	F	St. John Bapt.	Morn.	28 52	15 48	weather.
25	S	Cl. fast 2 m.	0 9	10 50	19 29	☐ ☉ ♂
26	B	4 S. aft. Trin.	0 32	22 53	22 24	
27	M		1 4	5 8	24 20	
28	T	Sun rises 3 49	1 46	17 34	25 7	♂ ☉ ♀
29	W	S. Peter & Paul.	2 39	0 17	24 35	☐ ♀ ♂
30	Th	Sun sets 8 10	D rises	13 12	22 45	

Wing.	Days	Saturn ♄ Decl.	Jupiter ♃ Dec.	Mars ♂ Dec.	Venus ♀ Decl.
June	1	3 56 22 N 50	13 6 3 S 52 18	36 6 S 36 21	38 17 N 3
1768.	2	4 41 22 49 13	1 3 51 22 44	5 4 28 56 18	59
	13	5 27 22 48 13	D 2 3 53 26 48	3 33 6 15 20	38
	19	6 13 22 46 13	10 3 57 2 8	2 4 13 34 21	56
	25	7 0 22 45 13	24 4 5 4 44	0 36 20 54 22	51

☾	Sun's Place.	Sun's Declin.	Observations.
1	11 22	22 N 10	Saturn sets 50 m. past 9 at night.
2	12 19	22 18	Day 16 h. 8 m. long.
3	13 16	22 25	Day increased 8 h. 36 m.
4	14 14	22 32	
B 15	11 22	39	Mars rises 2 m. past 1 in the morning.
6	16 8	22 45	Saturn sets 32 m. after 9 at night.
7	17 6	22 51	Scorpion's Heart south 9 m. past 11 at night.
8	18 3	22 56	
9	19 0	23 1	<i>How happy in his low Degree,</i>
10	19 58	23 5	<i>How rich in humble Poverty is he,</i>
11	20 55	23 10	<i>Who leads a quiet Country Life,</i>
B 21	52 23	13	<i>Discharg'd of Business, void of Strife;</i>
13	22 49	23 17	<i>And from the griping Lawyer free.</i>
14	23 47	23 19	
15	24 44	23 22	Lyra south 6 m. before 1 in the morning.
16	25 41	23 24	Day 16 h. 24 m. long.
17	26 38	23 26	Day increased 8 h. 50 m.
18	27 36	23 27	Scorpion's Heart so. 24 m. past 10 at night.
B 28	33 23	28	
20	29 30	23 28	Sun enters ♋ 33 m. after midnight.
21	27 23	28	Mars rises 46 m. before 1 in the morning.
22	1 24	23 28	Saturn sets 54 m. after 8 at night.
23	2 22	23 27	
24	3 19	23 26	Day 16 h. 24 m. long.
25	4 16	23 24	Day decreased 2 m.
B 5	13 23	22	Lyra south 52 m. before 1 in the morning.
27	6 10	23 20	
28	7 8	23 17	Mars rises 54 m. past 11 at night.
29	8 5	23 13	Antares south 6 m. after 1 in the morning.
30	9 2	23 10	Mercury sets 36 m. past 9 at night.

July 1768.

Days Jupiter sets. Venus rises.

Last Quarter the 7th day, at 5 in the morn.

New Moon the 14th day, at 2 in the morn.

First Quarter the 21st day, at 9 at night.

Full Moon the 29th day, at 2 in the aftern.

1	11	A	5	1	2	M	5	1
7	11	27	2	58				
13	11	3	3	6				
19	10	40	3	18				
25	10	17	3	34				

N	W.D	Holy-Days, O rises & sets.	Moon rises.	Moon's Place.	Moon's Declin.	Aspects and Weather.
1	F	Cl. fast 5 m.	9 A	9 26	19 S	39
2	S	Visit. B.V.M.	9 33	9 50	15 29	Hot and dry
3	B	5 S. aft. Trin.	9 51	23 29	10 26	weather.
4	M		10 9	7 19	4 50	
5	T	Camb. Com.	10 26	21 18	1 N	4 O. Midsum.-Day.
6	W	Sun rises 3 53	10 43	5 25	6 56	☐ ☉ 24 5th Day.
7	F	Thos. à Becker.	11 4	19 36	12 29	☐ ☉ 24 5th Day.
8	F	Cam. Term ends.	11 30	3 8	50 17	☐ ☉ 24 5th Day.
9	S		Morn.	18 42	21 22	* 24 8. ☉ ☉ ☉
10	B	6 S. aft. Trin.	0 4	2 11	17 23	59 8 24 ☉
11	M	Oxf. Act beg.	0 49	16 26	25 5	Wind,
12	T	Sun sets 8 2	1 47	0 24	24 35	and some
13	W	Cl. fast 5 m.	2 58	14 10	22 34	showers,
14	F		☉ sets	27 42	19 48	☐ ☉ ☉ about
15	F	Stowthin.	8 A	34 10	56 14	59 this time.
16	S	Oxf. Term ends.	8 51	23 52	10 19	
17	B	7 S. aft. Trin.	9 7	6 23	31 5	10 ☐ ☉ ☉
18	M		9 21	18 54	0 S	0
19	T	Sun rises 4 5	9 36	1 2	5 8	
20	W	Margarer.	9 51	13 3	9 59	
21	F	Sun sets 7 52	10 9	24 59	14 26	☉ in Apogeo.
22	F	Q. Denmark b	10 31	6 52	18 19	St. Mary Magdal.
23	S		10 58	18 49	21 30	
24	B	8 S. aft. Trin.	11 35	0 54	23 46	Hot
25	M	St. James.	Morn.	13 11	24 58	and sultry,
26	T	St. Anne.	0 25	25 46	24 55	perhaps
27	W		1 25	8 37	23 33	some thunder
28	F	Sun rises 4 18	2 36	21 50	20 53	showers.
29	F	Sun sets 7 41	☉ rises	5 23	16 58	
30	S	Dog-Days begin.	7 A	54 19	15 12	6
31	B	9 S. aft. Trin.	8 13	3 23	6 32	

Wing	Day	Saturn ♄   Decl.	Jupiter ♃   Dec.	Mars ♂   Decl.	Venus ♀   Decl.
July	1	7 47 22 N 41	13 45 3 14	8 36 0 N 51	28 14 23 N 23
	7	8 34 22 39	14 11 4 25	12 21 2 14	5 23 3 32
1768.	13	9 20 22 37	14 42 4 39	16 0 3 34	12 57 23 15
	19	10 6 22 34	16 19 4 55	19 31 4 50	20 19 22 34
	25	10 52 22 32	15 12 22 52	16 0 27 42	21 28

☾	Sun's Place.	Sun's Declin.	Observations.
1	9 59	23 N	6 Saturn rises 40 m. after 3 in the morning.
2	10 56	23	1 Day 16 h. 18 m. long.
B 11	54	22	56 Day decreased 8 m.
4	12 51	22	51 Mars rises 33 m. past 11 at night.
5	13 48	22	45 Lyra south 28 m. after 11 at night.
6	14 45	22	39 Saturn rises 22 m. past 3 in the morning.
7	15 42	22	33
8	16 39	22	26 Mercury's greatest Vesper. Elong. from the
9	17 37	22	18 Sun 26° 27'; sets 1 h. 14 m. after him.
B 18	34	22	11
11	19 31	22	3 Day 16 h. 6 m. long.
12	20 28	21	54 Day decreased 22 m.
13	21 25	21	46 Atair south 52 m. before 1 in the morning.
14	22 23	21	36 Mars rises 3 m. past 11 at night.
15	23 20	21	27
16	24 17	21	17 Lyra south 42 m. after 10 at night.
B 25	14	21	7 Saturn rises 44 m. past 2 in the morning.
18	26 12	20	56 Day 15 h. 52 m. long.
19	27 9	20	45 Day decreased 36 m.
20	28 6	20	34
21	29 4	20	22 Mars rises 43 m. after 10 at night.
22	30 1	20	10 Sun enters ♋ 32 m. past 11 in the morning.
23	0 58	19	58 Lyra south 15 m. past 10 at night.
B 1	56	19	45 Mercury sets 10 m. after 8 at night.
25	2 53	19	32 Saturn rises 16 m. past 2 in the morning.
26	3 50	19	19
27	4 48	19	5 Atair south 9 m. after 11 at night.
28	5 45	18	51 Day 15 h. 24 m. long.
29	6 42	18	37 Day decreased 1 h. 4 m.
30	7 40	18	22 Mars rises 17 m. past 10 at night.
B 8	37	18	7

# August 1768.

Days	Jupiter sets.	Venus rises.
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Last Quarter the 5th day, at 9 in the morn.

New Moon the 12th day, at 1 in the aftern.

First Quarter the 20th day, at 2 in the aftern.

Full Moon the 27th day, at midnight.

1	9A 51	3M 54
7	9 30	4 13
13	9 8	sets
19	8 47	7A 22
25	8 27	7 24

N U	Holy Days, rises & sets.	Moon rises.	Moon's Place.	Moon's Declin.	Aspects and Weather.
1 M	Lammas Day.	8 A 31	17 X 41	0 S 35	
2 T	Day br. 1 27	8 49	2 Y 4	5 N 31	
3 W	Sun rises 4 27	9 10	16 26	11 14	D in Perigeo.
4 T	Sun sets 7 32	9 34	08 44	16 20	
5 F		10 7	14 55	20 30	Wind, but
6 S	Transfigurat.	10 46	28 57	23 26	fair
7 B	10 S.aft. Trin.	11 39	12 II 50	24 54	♂ ☉ ♀ for the
8 M	Twilight 2 44	Morn.	26 32	24 49	♂ ♀ ♀ most part.
9 T		0 44	10 ☿ 4	23 16	
10 W	St. Laurence	1 58	23 25	20 27	* ☉ ♄
11 T	Prs. Brunswick b.	3 16	6 ♄ 34	16 36	Wind,
12 F	Pr. of Wales b.	D sets	19 30	12 1	Old-Lammas-day.
13 S		7 A 15	2 m 13	7 1	♂ ☉ ♀ 12th Day.
14 B	11 S.aft. Trin.	7 30	14 42	1 45	and frequent
15 M	Affump. B.V.M.	7 46	27 0	3 S 20	showers.
16 T	Pr. Frederick b.	7 59	9 6	8 19	
17 W		8 18	21 4	12 54	D in Apogeo.
18 T	Sun rises 4 52	8 37	2 m 58	17 0	
19 F	Sun sets 7 6	9 2	14 49	20 38	
20 S	Day br. 2 32	9 35	26 45	22 58	
21 B	12 S.aft. Trin.	10 17	8 48	24 32	Pr. Will.-Hen. b.
22 M		11 12	21 4	24 58	
23 T	Cl. fast 2 m.	Morn.	3 38	24 7	Good harvest
24 W	St. Bartholomew.	0 17	16 32	22 0	weather,
25 T	Sun rises 5 5	1 32	29 53	18 37	♂ ♀ ♀ for
26 F	Sun sets 6 53	2 53	13 40	14 9	some time.
27 S		D rises	27 53	8 46	
28 B	13 S.aft. Trin.	6 A 41	12 X 25	2 49	
29 M	Decol. St. J. B.	7 0	27 9	3 N 22	
30 T	Twilight 2 12.	7 19	12 Y 0	9 23	* ♄ ♀
31 W	Day br. 3 4	7 45	26 40	4 52	♂ ☉ ♀ D Perig.



Wing.	Days	Saturn ♄ Decl.	Jupiter ♃ Dec.	Mars ♂ Decl.	Venus ♀ Decl.				
Aug.	1	11 43	22 N 28	16 56	5 S 35	26 34	7 N 19	6 19	19 N 44
	7	12 26	22 24	17 47	5 55	29 32	8 18	13 43	17 51
	13	13 7	22 21	18 42	6 17	28 15	9 12	21 8	15 43
1768.	19	13 47	22 17	19 41	6 40	4 42	10 12	28 34	13 17
	25	14 24	22 13	20 43	7 4	6 50	10 42	6 11	10 31

N.D.	Sun's Place.	Sun's Declin.	Observations.
1	9 ♉ 35	17 N 52	Saturn rises 52 m. after 1 in the morning.
2	10 32	17 37	Lyra south 35 m. past 9 at night.
3	11 30	17 21	Day 15 h. 6 m. long.
4	12 27	17 5	Day decreased 1 h. 22 m.
5	13 25	16 49	
6	14 22	16 32	Mars rises 57 m. past 9 at night.
B 15	20 16	15 15	Saturn rises 33 m. after 1 in the morning.
8	16 17	15 58	Altair south 22 m. past 10 at night.
9	17 15	15 41	
10	18 13	15 23	<i>Now in Battalia march embodied Ants,</i>
11	19 10	15 5	<i>Fearful of Winter and of future Wars,</i>
12	20 8	14 47	<i>T' invade the Corn; and to their Cells convey</i>
13	21 6	14 29	<i>The plunder'd Forage of their yellow Prey.</i>
B 22	3 14	10 10	
15	23 1	13 51	Day 14 h. 26 m. long.
16	23 59	13 32	Day decreased 2 h. 4 m.
17	24 56	13 13	Mercury rises 40 m. past 3 in the morning.
18	25 54	12 54	Altair south 45 m. past 9 at night.
19	26 52	12 34	
20	27 50	12 14	Mars rises 17 m. after 9 at night.
B 28	48 11	54 54	Saturn rises 11 m. before 1 in the morning.
22	29 46	11 34	Sun enters ♍ 53 m. past 5 in the afternoon.
23	♌ 44	11 13	Fomalhaut south 36 m. before 1 in the morn.
24	1 42	10 53	
25	2 40	10 32	Mercury's greatest Mat. Elong. from the Sun
26	3 38	10 11	18° 6'; rises 1 h. 40 m. before him.
27	4 36	9 50	
B 5	34 9	29 29	Day 13 h. 40 m. long.
29	6 32	9 7	Day decreased 2 h. 50 m.
30	7 30	8 46	Markab south 42 m. before 1 in the morn.
31	8 28	8 24	

# September 1768.

Days	Jupiter sets.	Venus sets.
1	8 A 5	7 A 4
7	7 44	6 54
13	7 24	6 44
19	7 5	6 35
25	6 46	6 24

Last Quarter the 3d day, at 3 in the aftern.

New Moon the 11th day, at 3 in the morn.

First Quarter the 19th day, at 8 in the morn.

Full Moon the 26th day, at 9 in the morn.

M.	C.	Holy-Days, Rises & sets.	Moon rises.	Moon's Place.	Moon's Declin.	Aspects and Weather.
1	I	Essex.	8 A 15	11 8 21	19 N 24	* ♄ ♀ Wind,
2	F	London burnt	8 52	23 40	22 41	and frequent
3	S	1666, O. S.	10 42	9 11 43	24 31	showers,
4	B	14 S. aft. Trin.	10 44	23 26	24 48	
5	M		11 55	6 25 54	23 37	
6	T	Day br. 3 21	Morn.	20 7	21 8	
7	W	Dog-Days end.	1 10	3 12 6	17 36	* ☉ ♄
8	F	Nativ. B. V. M.	2 26	15 56	13 17	
9	F	Twilight 2 4	3 41	28 33	14 29	Fair, and
10	S		4 52	10 12 50	3 24	very pleasant
11	B	15 S. aft. Trin.	5 sets	23 16	1 S 44	weather.
12	M	Cl. flow 4 m.	6 A 14	5 23	6 43	
13	T	Sun rises 5 41	6 32	17 25	11 25	
14	W	Holy-Cross-Day.	6 51	29 19	15 37	☽ in Apogeo.
15	F	Sun sets 6 15	7 16	11 10	19 15	
16	F		7 45	23 1	22 4	
17	S	Lambert.	8 22	4 53	23 55	
18	B	16 S. aft. Trin.	9 11	16 53	24 44	
19	M	Day br. 3 52	10 10	29 6	24 31	☉ ☉ ☽
20	T		11 19	11 36	22 45	
21	W	St. Matthew.	Morn.	24 28	19 56	Ember-Week.
22	F	K. Geo. III. cr.	0 36	7 47	16 1	
23	F	Twilight 2 hours	1 55	21 35	11 7	Wind,
24	S		3 18	5 54	5 29	but mostly
25	B	17 S. aft. Trin.	4 44	20 38	0 N 39	fair.
26	M	St. Cyprian.	5 rises	5 41	6 48	
27	T	Sun rises 6 9	5 A 57	20 53	12 39	☽ in Perigee.
28	W	Sun. sets 5 49	6 23	6 8	3 17	42
29	F	St. Michael.	6 59	20 59	21 31	Prs. Char. - Aug.
30	F	St. Jerome.	7 48	5 35	23 53	(Mat. born.

Wing.	Days	Saturn ♄ Decl.	Jupiter ♃ Decl.	Mars ♂ Dec.	Venus ♀ Decl.
Sept.	1	15 5 22 N 10	21 59 7 S 34	8 52 11 N 21	14 42 7 N 22
	7	15 37 22 6	23 7 7 59 10	11 11 49 12	9 4 22
	13	16 7 22 3	24 18 8 26 11	12 9 29 36	1 2
1768.	19	16 34 22 0	25 30 8 54 11	12 20 7 41	5 4
	25	16 57 21 57	26 44 9 21 11	13 26 14 32	4 4

☾	Sun's Place.	Sun's Declin.	Observations.
1	9m 26	8 N	2 Mars rises 42 m. past 8 at night.
2	10 24	7 40	Saturn rises 49 m. before 1 in the morning.
3	11 23	7 18	Fomalhaut south 51 m. past 11 at night.
B	12 21	6 56	
5	13 19	6 33	Pole Star south 48 m. past 1 in the morning.
6	14 17	6 11	Day 13 h. 4 m. long.
7	15 16	5 48	Day decreased 3 h. 26 m.
8	16 14	5 26	
9	17 13	5 3	Mercury rises 29 m. after 4 in the morning.
10	18 11	4 40	Markab south 34 m. past 11 at night.
B	19 10	4 17	Pole Star south 26 m. past 1 in the morning.
12	20 8	3 54	
13	21 7	3 31	Saturn rises 33 m. after 11 at night.
14	22 5	3 8	Mars rises 57 m. past 7 in the evening.
15	23 4	2 45	Day 12 h. 30 m. long.
16	24 2	2 22	Day decreased 4 hours.
17	25 1	1 58	
B	26 0	1 35	Mercury rises with the Sun.
19	26 59	1 12	Saturn rises 13 m. after 11 at night.
20	27 57	0 48	Mars rises 35 m. past 7 in the evening.
21	28 56	0 25	
22	29 55	0 2	Sun enters ♈ 12 m. past 2 in the afternoon.
23	♈ 54	0 S 22	Day 11 h. 58 m. long.
24	1 53	0 45	Day decreased 4 h. 32 m.
B	2 52	1 9	Fomalhaut south 32 m. past 10 at night.
26	3 51	1 32	
27	4 50	1 56	Markab south 34 m. after 10 at night.
28	5 49	2 19	Saturn rises 44 m. past 10 at night.
29	6 48	2 42	Mars rises 2 m. after 7 in the evening.
30	7 47	3 6	

# October 1768.

Jupiter sets. Venus sets.

Last Quarter the 2d day, at midnight.

New Moon the 10th day, at 8 in the aftern.

First Quarter the 18th day, at 11 at night.

Full Moon the 25th day, at 6 in the aftern.

1	6A 27	6A 16
7	6 8	6 6
13	5 48	5 57
19	5 29	5 49
25	5 9	5 42

M.D.	Holy-Days, rises & sets.	Moon rises.	Moon's Place.	Moon's Declin.	Aspects and Weather.
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1	S Remigius.	8A 47	19 11 48	24 N 37	
2	B 18 S. aft. Trin.	9 55	3 23 35	23 47	Moderate
3	M Cl. flo. 11 m.	11 10 17	0 21	35	weather for
4	T Day br. 4 25	Morn.	0 18 5	18	some
5	W	0 26 12	53 14	11	time.
6	Æ faith.	1 40 25	28 9	34	♂ ♀ ♀
7	F Sun rises 6 29	2 51 7	17 50 4	36	
8	S Sun sets 5 29	4 22 0	3 0 S	26	
9	B 19 S. aft. Trin.	5 11 2	19 9 5	24	
10	M Oxf. & Cam. T. b.	5 sets	14 9 10	9	O. Michael-Day.
11	T	5A 7 26	6 14 28	28	☉ ☽ 10th Day.
12	W Twilight 1 57	5 28 7	17 55 18	23	☽ Apog. 11th Day.
13	Æ Transl. K. E. Con.	5 55 19	44 21 11	8	♂ ♀ ♀. 8 ♂ ♀
14	F Day br. 4 45	6 29 1	17 34 23	17	
15	S	7 14 13	28 24 22	6	♂ ♀ ♀ Wind,
16	B 20 S. aft. Trin.	8 9 25	28 24 19	6	and frequent
17	M Etheldred.	9 13 7	17 40 23	6	showers,
18	T St. Luke.	10 25 20	8 20 45		
19	W	11 41 2	17 55 17	19	
20	Æ Sun rises 6 54	Morn.	16 8 12	56	
21	F Sun sets 5 4	0 58 29	48 7 45	45	Still wet
22	S Cl. flo. 15 m.	2 18 14	17 0 1	40	and windy
23	B 21 S. aft. Trin.	3 42 28	40 4N	2	weather.
24	M	5 10 13	17 44 9	59	
25	T K. Geo. III. In.	5 rises	29 1 15	26	♂ ☉ ♀. Trispm.
26	W K. Geo. III. Proc.	4A 59 14	8 22 19	56	♂ ☉ ♀. 8 ♀ ♂
27	Æ Sun rises 7 8	5 42 29	33 22 58	58	☽ Perig. 25th Day
28	F S. Sim. & Jude.	6 38 14	17 26 24	20	
29	S	7 45 28	53 23 59		
30	B 22 S. aft. Trin.	9 1 12	17 54 22	9	
31	M Sun sets 4 46	10 19 25	26 19 4		

Ving.	DAYS	Saturn ♄ Decl.	Jupiter ♃ Decl.	Mars ♂ Dec.	Venus ♀ Decl.
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Oct.	1 17	7 21	N 55 28	0 9	S 49 10	31 12	23 22	c 7	S 49
768.	7 17	34 21	53 29	17 10	17 9	18 12	N 14 29	23 23	10 43
	13 17	47 21	52 0	m 34 10	45 7	40 11	59 6	m 5 13	30
	19 17	56 21	51 1	52 11	12 5	45 11	41 14	23 16	3
	25 18	1 21	51 3	11 11	39 3	41 11	18 21	51 18	23

	Sun's Place.	Sun's Declin.	Observations.
1	8 46	3 S 29	Day 11 h. 26 m. long.
B 9	45	3 52	Day decreased 5 h. 4 m.
3 10	44	4 16	Mercury sets 1 m. past 6 in the evening.
4 11	44	4 39	Fomalhaut south at 10 at night.
5 12	43	5 2	
6 13	42	5 25	Saturn rises 17 m. after 10 at night.
7 14	42	5 48	Mars rises 27 m. past 6 in the evening.
8 15	41	6 11	Mercury sets 54 m. after 5 in the afternoon
B 16	40	6 34	
0 17	40	6 57	Markab south 47 m. past 9 at night.
1 18	39	7 19	Day 10 h. 48 m. long.
2 19	39	7 42	Day decreased 5 h. 42 m.
3 20	38	8 4	
4 21	38	8 27	<i>Happy the Man with little blest'd,</i>
5 22	38	8 49	<i>Of what his Father left possess'd;</i>
B 23	37	9 11	<i>No base Desires corrupt his Head,</i>
7 24	37	9 33	<i>No Fears disturb him in his Bed.</i>
8 25	37	9 55	
19 26	37 10	17	Saturn rises 31 m. past 9 at night.
20 27	36 10	38	Mercury sets 38 m. after 5 in the afternoon.
21 28	36 11	c	Markab south 5 m. past 9 at night.
22 29	36 11	21	Sun enters m 53 m. past 9 at night.
B m	36 11	42	
24 1	36 12	3	Pole Star south 45 m. past 10 at night.
25 2	36 12	24	Day 9 h. 52 m. long.
26 3	36 12	44	Day decreased 6 h. 38 m.
27 4	36 13	4	
28 5	36 13	24	Saturn rises 57 m. after 8 at night.
29 6	36 13	44	Fomalhaut south 25 m. past 8 at night.
B 7	36 14	4	Day 9 h. 34 m. long.
31 8	36 14	23	

# November 1768.

Days	Jupiter rises.	Venus sets.
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1st Quarter the 1st day, at noon.	1	6M42	5A35
New Moon the 9th day, at 2 in the aftern.	7	6 25	5 31
1st Quarter the 17th day, at 1 in the aftern.	13	6 8	5 30
Full Moon the 24th day, at 4 in the morn.	19	5 50	5 32
	25	5 32	5 37

Holy-Days, ☉ rises & sets.	Moon rises.	Moon's Place.	Moon's Declin.	Aspects and Weather.
All Saints.	11 A 34	9 Ω 33	15 N 5	
All Souls.	Morn.	22 20	10 33	Brisk winds,
Day br. 5 20	0 46	4 ♉ 49	5 47	but mostly
	1 55	17 5	0 39	fair.
Papists Consp.	3 5	29 11	4 S 18	
23 S. aft. Trin.	4 13	11 ♋ 9	9 4	
D. of Cumb. b.	5 21	23 3	13 26	Term begins.
	6 29	4 ♍ 54	17 19	♂ ♀ 8 7th Day.
Ld.-Mayor's Day at London.	☾ sets	16 41	20 27	Δ ☉ ♄. ☾ in A-
Martinmas.	4 A 34	28 35	22 46	pogeo, 8th Day
	5 15	10 ♀ 29	24 2	
	6 6	22 29	24 17	
24 S. aft. Trin.	7 7	4 ♊ 35	23 21	Dark, cloudy
Sun rises 7 39	8 14	16 53	21 15	weather,
Michaelmas.	9 27	29 24	18 8	and some
Sun sets 4 18	10 41	12 ♋ 13	14 6	showers.
Hugh, Bp. Linc.	11 57	25 22	9 17	
	Morn.	8 ♋ 56	3 54	
Day br. 5 41	1 16	22 54	1 N 51	
25 S. aft. Trin.	2 38	7 ♋ 20	7 38	
Twilight 2 6	4 22	22 10	13 10	
O. Mart.-day.	5 30	7 ♋ 11	18 0	☾ in Perigeo.
St. Clement.	6 57	22 24	21 41	
	☾ rises	7 ♋ 38	23 51	Wind and
D. Glouc. bo.	5 A 18	22 31	24 15	♂ ☉ ♀ rain,
Sun rises 7 56	6 34	7 ♋ 8	22 57	snow or sleet.
Advent-Sund.	7 52	21 18	20 12	
Term ends.	9 10	5 ♋ 16	24 24	
Sun sets 4 0	10 26	18 19	11 53	
St. Andrew.	11 39	1 ♋ 9	6 56	Ps. Dow. of Wales (born.

Ving.	Day	Saturn	Jupiter	Mars	Venus
		R   Decl.	m   Decl.	R   Decl.	f   Decl.

Nov. 768.	1	18	1	21	N	51	4	43	12	S	10	1	21	10	N	55	0	33	20	S	43
	7	17	57	21		52	6	2	12	36	29	37	10	39	8		12	21			
	13	17	49	21		53	7	20	13	3	28	16	10	31	15	28	23	35			
	19	17	37	21		54	8	37	13	27	27	21	10	28	22	55	24	26			
	25	17	22	21		57	9	53	13	50	26	57	10	35	62	22	24	50			

Sun's	Sun's
Place.	Declin.

## Observations.

1	9	36	14	S	43	Mars sets 30 m. past 6 in the morning.
2	10	37	15		2	Day decreased 7 h. 2 m.
3	11	37	15		20	Pole Star south 6 m. past 10 at night.
4	12	37	15		39	
5	13	37	15		57	Mercury's greatest Vespertine Elong, from
6	14	38	16		15	the Sun 22° 49'; sets 33 m. after him.
7	15	38	16		33	Saturn rises 17 m. after 8 at night.
8	16	38	16		50	
9	17	39	17		7	Fomalhaut south 42 m. past 7 in the evening.
0	18	39	17		24	Day 8 h. 56 m. long.
1	19	40	17		40	Day decreased 7 h. 34 m.
2	20	40	17		57	
3	21	41	18		13	Mars sets 28 m. past 5 in the morning.
4	22	41	18		28	Saturn rises 48 m. past 7 in the evening.
5	23	42	18		43	Pole Star south 18 m. after 9 at night.
6	24	43	18		58	
7	25	43	19		13	Day 8 h. 32 m. long.
8	26	44	19		27	Day decreased 7 h. 56 m.
9	27	44	19		41	Fomalhaut south 1 m. past 7 in the evening.
0	28	45	19		54	
1	29	46	20		8	Sun enters f 49 m. past 5 in the afternoon.
2	f	47	20		20	Mars sets 47 m. past 4 in the morning.
3	1	47	20		33	Saturn rises 8 m. after 7 in the evening.
4	2	48	20		45	
5	3	49	20		56	Mercury sets 18 m. past 4 in the afternoon.
6	4	50	21		8	Mirach south 43 m. past 8 at night.
7	5	51	21		19	Day 8 h. 6 m. long.
8	6	52	21		29	Day decreased 8 h. 24 m.
9	7	52	21		39	Mars sets 17 m. past 4 in the morning.
0	8	53	21		49	

# December 1768.

Jupiter rises. Venus sets.

Last Quarter the 1st day, at 4 in the morning.  
New Moon the 9th day at 9 in the morning.  
First Quarter the 16th day, at 11 at night.  
Full Moon the 23d day, at 3 in the afternoon.  
Last Quarter the 30th day, at 11 at night.

1 5M 14 5 A 44  
7 4 55 5 5  
13 4 35 6 6  
19 4 15 6 6  
25 3 55 6 3

Day	Holy-Days, rises & sets.	Moon rises.	Moon's Place.	Moon's Declin.	Aspects and Weather.
1	Cl. No. 11 m.	Morn.	13 42	1 N 53	
2	F Sun rises 8 3	0 48	25 58	3 S 9	Mild and
3	S Sun sets 3 56	1 57	8 0	7 58	temperate
4	B 2 S. in Advent.	3 4	19 58	12 26	* 2 ♀
5	M Twilight 2 9	4 11	1 m 49	16 26	weather,
6	T Nicolas.	5 18	13 39	19 46	D in Apogeo.
7	W	6 24	25 31	22 17	for the season.
8	Cont. B. V. M.	7 26	7 26	23 50	
9	F Day br. 5 57	D sets	19 29	24 19	
10	S Sun rises 8 10	4 A 50	1 39	23 35	
11	B 3 S. in Advent.	5 56	13 59	21 46	
12	M Sun sets 3 49	7 7	26 31	18 50	Dark days,
13	T Lucy.	8 21	9 15	14 59	and misty
14	W Ember Week.	9 35	22 15	10 22	weather.
15	Th	10 52	5 30	5 12	
16	F Cam.-Term ends	Morn.	19 5	0 N 22	
17	S Oxf.-Term ends.	0 9	2 56	6 0	
18	B 4 S. in Advent.	1 30	17 51	11 27	□ ♂ ♀
19	M	2 53	1 8 33	16 22	
20	T Day br. 6 1	4 18	16 13	20 24	D in Perigeo.
21	W St. Thomas.	5 40	1 11 23	8 8	Shortest-Day.
22	Th Sun rises 8 13	6 56	15 51	24 18	Δ ☉ ♂ 21st Day.
23	F Sun sets 3 47	D rises	0 35	23 43	
24	S	5 A 11	15 52	21 33	
25	B Christm. Day.	6 30	29 15	18 4	Frosty weather
26	M St. Stephen.	7 50	13 13	13 42	at the year's
27	T St. John, Ev.	9 6	26 25	8 46	end.
28	W Holy Innocents.	10 18	9 22	3 37	
29	Th	11 28	21 59	1 S 34	
30	F Cl. fast 3 m.	Morn.	4 18	6 32	
31	S Silvester.	0 36	16 24	11 11	



Wing.	U 2	Saturh R Decl.	Jupiter m Dec.	Mars r Decl.	Venus h Decl.
Dec.	1 17 3 22 N	1 11 8 14 S	1 14 27	1 10 N 50	7 48 24 S 47
1768.	7 46 41 22	3 12 21 14 36 27	32 11 13 15 44 22	39 23 19	19
	13 16 17 22	7 13 32 14 58 28	29 11 44 22	39 23 19	57
	19 15 51 22	10 14 40 15 17 29	48 12 20	4 21 57	
	25 15 22 22	15 15 46 15 36	18 27 13	3 7 27 20 14	

U	Sun's Place.	Sun's Declin.	Observations.
1	9 54	21 S 58	Saturn rises 31 m. past 6 in the evening.
2	10 55	22 7	Seven Stars south 55 m. after 10 at night.
3	11 56	22 15	Day 7 h. 52 m. long.
B 12	57	22 23	Day decreased 8 h. 36 m.
5	13 58	22 30	
6	14 59	22 37	Mars sets 50 m. past 3 in the morning.
7	16 0	22 44	Saturn rises 3 m. after 6 in the evening.
8	17 1	22 50	Pole Star south 39 m. past 7 in the evening.
9	18 2	22 56	
10	19 3	23 1	Day 7 h. 40 m. long.
B 20	4	23 6	Day decreased 8 h. 46 m.
12	21 5	23 10	Seven Stars south 11 m. past 10 at night.
13	22 7	23 14	
14	23 8	23 17	Mercury's greatest Matut. Elong. from the
15	24 9	23 20	Sun 21° 26'; rises 2 h. 1 m. before him.
16	25 10	23 23	Mars sets 16 m. past 3 in the morning.
17	26 11	23 25	Saturn rises 16 m. after 5 in the afternoon.
B 27	12	23 26	
19	28 13	23 27	Day 7 h. 36 m. long.
20	29 14	23 28	Day decreased 8 h. 52 m.
21	15 16	23 28	Sun enters 15 55 m. past 5 in the morning.
22	1 17	23 28	
23	2 18	23 27	Aldebaran south 14 m. after 10 at night.
24	3 19	23 26	Mars sets 53 m. past 2 in the morning.
B 4	20	23 24	Saturn rises 37 m. after 4 in the afternoon.
26	5 21	23 22	
27	6 23	23 19	Seven Stars south 4 m. past 9 at night.
28	7 24	23 16	Day 7 h. 38 m. long.
29	8 25	23 12	Day increased 5 m.
30	9 26	23 8	Aldebaran south 40 m. past 9 at night.
31	10 27	23 3	

# The Longitude of Mercury, and his Declination for the Year 1768.

Days	Janua.	February	March	April	May	June
1	17 1 51	1 = 8	23 13	10 22	15 5	7 11 4
4	21 5 6	1	28 39	8	2 18 38	14 34
7	24 42 11	4	3 46	6	7 22 35	21 6
10	28 35 16	14	8 9	4	49 26 54	27 33
13	2 13 21	29	11 49	4	15 18 28	3 4
16	6 49 26	52	14 27	4 D	30 6 24	9 42
19	11 9 2	24	15 49	5	27 11 38	15 28
22	15 35 8	0	16 2	7	5 17 10	20 39
25	20 8 13	45	15 11	9	15 23 4	25 30
28	24 48 19	28	13 26	11	58 20 14	0 9
Days	July	August	Sept.	October	Nov.	Decem.
1	4 31	20 12	23 50	17 34	2 12 27	1 21
4	8 32 18	19	28 53	22 26	5 25 26	9
7	12 2 15	50	4 23	27 10 8	22 26 D	20
10	15 7 13	27	10 3	1 48 10	42 28	10
13	17 48 11	38	15 44	6 22 12	3 0 44	44
16	20 1 10	40	21 23	10 48 12	15 3	50
19	21 34 10	D 47	26 53	15 9 10	56 7	32
22	22 28 12	6	2 14	19 21 8	10 11	28
25	22 44 14	34	7 30	23 24 4	12 15	34
28	22 13 18	0	12 36	27 21 0	16 19	49

## The Declination of Mercury to every Sixth Day.

Days	Janua.	February	March	April	May	June
1	21 S 6	21 S 42	3 S 2	6 N 28	3 N 13	22 N 1
7	22 27 19	26	2 N 16	2 57	6 4	24 26
13	23 22 16	17	6 38	1 12	9 37	25 15
19	23 41 12	19	9 7	0 28	13 37	24 31
25	23 14 7	29	9 9	1 15	17 42	22 40
Days	July	August	Sept.	October	Nov.	Decemb.
1	20 N 7	10 N 14	14 N 48	6 S 37	23 S 12	17 S 8
7	17 16 11	40 11	29 10	50 24	22 16	47
13	14 29 13	47 7	17 14	39 24	26 18	7
19	12 3 15	41 2	34 18	1 22	59 20	5
25	10 30 16	17 2 S	6 20	48 19	53 21	56

# W I N G.

A

## PROGNOSTICATION,

For the Year of our

### LORD GOD, 1768.

An Explanation of the Characters made use of in  
this Almanack.

#### The Seven Planets, and Five Aspects.

♄	Saturn
♃	Jupiter
♂	Mars
☉	The Sun
♀	Venus
☿	Mercury
♁	The Moon
♌	Conjunction
*	Sextile
□	Square
△	Trine
♌	Opposition

Aspects.

#### The Twelve Signs.

♈	Aries
♉	Taurus
♊	Gemini
♋	Cancer
♌	Leo
♍	Virgo
♎	Libra
♏	Scorpio
♐	Sagittary
♑	Capricorn
♒	Aquarius
♓	Pisces

Lands surveyed, divided and inclosed, and Maps of the  
same correctly delineated. Also Timber and Pole Wood  
surveyed, valued and sold by *Vincent Wing of Pickworth,*  
in the County of *Rutland.*

Wing, 1767.

# A Compendious Chronology of Memorable Things since the Creation to this present Year.

A.P.J	before Christ.		Years since.
710	4004	The Creation of the World	5772
1766	2948	Nub born	4716
2366	2348	Nub's Flood began	4116
2481	2233	The Babylonian Monarchy established	4001
2718	1996	Abraham born	3764
2986	1728	Joseph sold into Egypt	3496
3143	1571	Moses born	3339
3223	1491	The Israelites Departure out of Egypt	3259
3530	1184	Troy taken and destroyed by the Greeks	2952
3710	1004	Solomon's Temple built and dedicated	2772
4126	588	Jerusalem and the Temple destroyed	2356
4176	538	Daniel delivered from the Den of Lions	2306
4198	516	The Temple of Jerusalem rebuilt	2284
4391	323	The Death of Alexander the Great	2091
4710	4	The true Year of Christ's Birth	1772
4714	0	The vulgar Year of Christ's Birth	1768
<hr/>			
A.D.			
83		The Passion and Resurrection of Jesus Christ	1735
70		Jerusalem and the Temple destroyed by Titus	1608
100		St. John, the last of the Apostles, dies Dec. 20.	1668
313		Christianity triumphs under Constantine	1455
476		Augustulus the last Roman Emperor deposed	1292
606		The wicked Phocas makes Pope Boniface Head of the Church	1162
608		Mahomet branches his Imposture at Mecca	1160
872		Italy and Rome plundered by the Saracens	895
1012		Swain King of Denmark conquers England	756
1066		William Duke of Normandy conquers England	700
1110		Arts and Sciences taught in Cambridge	650
1119		The first War between the French and English	640
1300		The Mariners Compass invented	468
1330		The Canaries discovered by an English Ship	438
1380		Gunpowder and the Use of Guns first found out	388
1453		Constantinople taken from the Christians	315

# Wing, 1767.

A.D.

Years  
since.

1463	The Persians conquered by Tamerlane	305
1500	Rome plundered by the Duke of Bourbon	268
1517	Martin Luther first disputed against Popery	251
1536	England separated from the Church of Rome	232
1588	The Spanish Armada defeated by the English	180
1603	Q. Eliz. died, March 24. and K. James I. began	165
1604	Died of the Plague in London, in 2 Years, 68,96	164
1605	Gunpowder Treason, Nov. 5.	163
1613	The New-River Water brought to London	155
1618	The excellent Sir Walter Raleigh beheaded	150
1625	K. James I. died, K. Charles I. began, Mar. 27.	143
1625.	35417 Persons died of the Plague in London	143
1641	The cruel Irish Massacre began, October 23.	127
1643	Burleigh-Heads stormed by Cromwell, July 24.	125
1649	K. Charles I. barbarously murdered, January 30.	119
1660	K. Charles II. restored, May 29.	108
1665	68,586 Persons died of the Plague in London	103
1666	London burnt, and a great Sea-Fight with the Dutch	102
1672	War declared against the Dutch, March 17.	96
1674	A great Snow for 11 Days together	94
1675	The Town of Northampton burnt, Sept. 3.	93
1680	A great and splendid Comet appeared	88
1684	The great Frost that held 13 Weeks	84
1685	K. Charles II. died, Feb. 6. and K. James II. began	83
1685	The Duke of Monmouth beheaded, July 15.	83
1688	Seven Bishops sent to the Tower, June 8.	80
1688	K. James II. abdicated, December 12.	80
1689	K. William and Q. Mary crowned, April 11.	79
1692	The French Fleet entirely defeated by the English	76
1698	Whitehall Palace entirely destroyed by Fire, except the Banqueting-House	70
1702	K. William died, March 8. and Q. Anne began	66
1702	Q. Anne proclaimed War against France, May 4.	66
1703	A great and terrible Wind, Nov. 26 and 27.	65
1704	Gibraltar taken by the English	64
1707	England and Scotland united, May 1.	61
1709	Sacheverel preached his seditious Sermon, Nov. 5.	59
1710	Riots and great Disturbances in England	56

# Wing, 1767.

A.D		Years since.
1714	Q. Anne died, August 1. and K. George I. began	54
1715	A famous Total Eclipse of the ☉ in England, April 22. in the Morning	53
1715	A Rebellion in Scotland and Lancashire suppressed	53
1716	A great Frost in the Beginning of this Year	52
1718	The Spanish Fleet destroyed by Admiral Byng. near Syracuse, July 31.	50
1719	A surprizing Meteor seen, March 19. at 8 at Night	49
1719	Mr. Flamsteed, a celebrated Astronomer, died Dec. 31.	49
1727	The incomparable Sir Isaac Newton died, Mar. 20.	41
1727	K. George I. died, June 11. and K. George II. began	41
1734	The Battle of the Breaches in Italy, Sept. 4.	34
1736	The Prince and Princess of Wales married, Ap. 27.	32
1739	Letters of Marque published in London against the Spaniards, July 16.	29
1739	War declared by Great Britain against Spain, October 23.	29
1739	Porto-Bello taken and destroyed by Admiral Vernon, November 22.	29
1740	A very severe Frost from Dec. 25. to Feb. 27.	28
1742	A Comet appeared from Feb. 18. to Mar. 14.	26
1742	A Conjunction of ♄ and ♃ August 18. in ♎	26
1743	A splendid Comet appeared from December 23. to February 18. in ♊	25
1744	March 4. France declared War against England; and March 31. England declared War against France.	24
1745	Cape Breton taken from the French, June 16.	23
1746	The Scotch Highland Rebels defeated by his Royal Highness the Duke of Cumberland, at Culloden, near Inverness, April 16.	22
1748	A General Peace signed October 7.	20
1749	Cape Breton restored to the French	19
1750	The British Fishery established	18
1751	The Prince of Wales died, March 20.	17
1752	The Date and Calendar altered	16
1755	Lisbon destroyed by an Earthquake, Nov. 1.	13
1756	England declared War against France, May 18.	12

# Wing, 1768.

A.D.		Year since
1756	The Island <i>Minorca</i> taken by the <i>French</i> , June 27.	12
1757	Count <i>Brown</i> defeated by the King of <i>Prussia</i> near <i>Prague</i> , May 6.	11
1757	The King of <i>Prussia</i> defeated by Count <i>Dann</i> at <i>Collin</i> , June 18.	11
1758	The <i>French</i> defeated at <i>Crevell</i> by Pr. <i>Ferdinand</i> , June 23.	10
1758	Lord <i>Howe</i> slain, July 6. and Gen. <i>Abercrombie</i> repulsed at <i>Ticonderago</i> , July 8.	10
1758	<i>Cape Breton</i> taken by the <i>English</i> , July 26.	10
1758	The <i>Russians</i> defeated at <i>Zorndorff</i> by the King of <i>Prussia</i> , Sept. 25.	10
1759	The Island of <i>Guadalupe</i> taken by Gen. <i>Barrington</i> and Commodore <i>Moore</i> , May 1.	9
1759	The <i>French</i> defeated at <i>Minden</i> by Pr. <i>Ferdinand</i> , August 1.	9
1759	The King of <i>Prussia</i> defeated at <i>Eunnerdorff</i> by the Count <i>de Soltikoff</i> , August 12.	9
1759	Gen. <i>Wolfe</i> slain, though victorious, Sept. 13. and <i>Quebec</i> taken Sept. 18. by Gen. <i>Townshend</i> .	9
1760	<i>Montreal</i> taken by Gen. <i>Amherst</i> , Sept. 8.	8
1760	K. <i>George II.</i> died, Oct. 25. and K. <i>George III.</i> began his Reign.	8
1761	<i>Pondicherry</i> taken by Col. <i>Coots</i> , Jan. 15.	7
1761	K. <i>George III.</i> married Q. <i>Charlotte</i> , Sept. 8.	7
1761	K. <i>George III.</i> crowned, Sept. 22.	7
1762	The Island of <i>Martinico</i> taken by Gen. <i>Monckton</i> and Adm. <i>Rodney</i> , Feb. 14.	6
1762	<i>George Prince of Wales</i> born, August 12.	6
1762	The <i>Hawannah</i> taken by Lord <i>Albemarle</i> and Sir <i>George Pocock</i> , August 12.	6
1763	A general Peace in all Europe.	5
1763	Pr. <i>Frederick</i> , Bishop of <i>Osnaburgh</i> , born Aug. 16.	5
1765	Prince <i>William-Henry</i> born August 21.	3
1766	Princess <i>Charlotte-Augusta-Matilda</i> born Sept. 29.	2

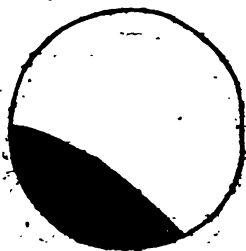
Wing, 1768.

Of the Eclipses this Year 1768.

**T**HIS Year will produce Five Eclipses, Two of the Sun, and Three of the Moon: Which will happen in the following Order.

The First is a partial and visible Eclipse of the Moon, and will happen on *Monday* the 4th Day of *January*, in the Morning, according to the following Type and Calculation.

Type at the Middle.



	London.	York.	Edinburgh	
	h. m. s.	h. m. s.	h. m. s.	
Begins	3 19 48	3 15 21	3 6 35	} Jan. 4th Morn. Ap. Time,
Middle	4 28 18	4 23 51	4 15 5	
Ends	5 36 48	5 32 21	5 23 35	
Duration	2 17 0	2 17 0	2 17 0	
Digits eclipsed	4° 33' 53"	4° 33' 55"	4° 33' 55"	

The Second Eclipse is of the Sun, and will happen on *Tuesday* the 19th Day of *January*, near our Six o'Clock in the Afternoon: It will be invisible here, but will be seen in several of our Plantations in *North-America*.

The Third Eclipse is of the Moon, and will happen on *Thursday* the 30th Day of *June*, in the Morning. This will be a total Eclipse with Continuance, and some Part of it will be visible in our Isle of *Great-Britain*, as may be seen by the Calculation.

Type



Wing, 1768.

Type at

the Middle.



	London.			York.			Edinburgh			
	h.	m.	s.	h.	m.	s.	h.	m.	s.	
Begins	2	5	18	2	0	31	1	52	5	} June 30th Morn. Ap. Time.
Immersion	3	18	18	3	13	51	3	5	5	
Middle	3	52	48	3	48	21	3	39	35	
Emerſion	4	27	18	4	23	51	4	14	5	
Ends	5	40	18	5	35	51	5	27	5	
Duration	3	35	0	3	35	0	3	35	0	
Digits eclipsed	14° 44' 39"			14° 44' 39"			14° 44' 39"			

The Fourth is another Eclipse of the Sun, and will happen on *Thursday* the 14th Day of *July*, near our Two o'Clock in the Morning, consequently invisible in all these Parts of the Globe; but will be visible to those that are sailing in the Great South-Sea, or Pacific Ocean; and to those who live in the Eastern Parts of Asia.

The Fifth and last Eclipse is of the Moon, and will happen on *Friday* the 23d Day of *December* in the Afternoon. This will likewise be another total Eclipse, with Continuance; and some of the latter Part will be visible in our Isle of Great-Britain: See the following Calculation.

Type at

the Middle.



# Wing, 1768.

	London.			York.			Edinburgh			
	h.	m.	f.	h.	m.	f.	h.	m.	f.	
Begins	1	25	33	1	21	6	1	12	20	} Dec 23. Aftern.
Immersion	2	23	38	2	19	14	2	10	25	
Middle	3	12	8	3	7	41	2	58	55	
Emerſion	4	0	38	3	56	11	3	47	25	
Ends	4	58	43	4	54	16	4	45	30	
Duration	3	33	10	3	33	10	3	33	10	
Digits eclipsed	16° 19' 45"			16° 19' 45"			16° 19' 45"			

## A Table of the Eclipses of *Jupiter's* First Satelles, reduced to correct or apparent Time, 1767.

January.				February				March.				April.			
Immersion.				Immersion.				Immersion.				Emerſions.			
D.	H.	M.	S.	D.	H.	M.	S.	D.	H.	M.	S.	D.	H.	M.	S.
1	10	51	44	7	14	36	53	15	18	39	58	18	12	1	44
3	5	19	18	9	9	5	13	17	13	8	59	20	6	30	44
4	23	46	53	11	3	33	35	19	7	38	1	22	0	59	44
6	18	14	28	12	22	1	58	21	2	7	2	23	19	28	43
8	12	42	4	14	16	30	23	22	20	36	4	25	13	57	41
10	7	9	40	16	10	58	52	24	15	5	8	27	8	26	37
12	1	37	17	18	5	27	26	26	9	34	13	29	2	55	31
13	20	4	57	19	23	56	3	28	4	3	26	30	21	24	24
15	14	32	41	21	18	24	43	29	22	32	28	May.			
17	-9	0	28	23	12	53	24	31	17	1	35				
19	3	28	17	25	7	22	6	April.				2	15	53	17
20	21	56	7	27	1	50	50					4	10	22	8
22	16	23	56	28	20	19	36	2	11	30	42	6	4	10	57
24	10	51	49	March.				4	5	59	48	7	23	19	45
25	5	19	45					6	0	28	53	9	17	48	30
27	23	47	45	1	14	48	23	7	18	57	56	11	12	17	15
29	18	15	49	3	9	17	13	Emerſions.				13	6	45	57
31	12	43	55	5	3	46	6					15	1	14	38
February.				6	22	15	1	9	15	36	32	16	19	43	18
				8	16	43	58	11	10	5	37	18	14	11	56
2	7	12	7	10	11	12	56	13	4	34	40	20	8	40	33
4	1	40	20	12	5	41	55	14	23	5	42	22	3	9	8
6	8	35		14	0	10	56	16	17	32	43	23	21	37	43

*Wing, 1768.*

<i>May.</i>				<i>July.</i>				<i>August.</i>				<i>September.</i>			
Emerfions.				Emerfions.				Emerfions.				Emerfions.			
D.	H.	M.	S.	D.	H.	M.	S.	D.	H.	M.	S.	D.	H.	M.	S.
25	16	6	17	1	20	2	34	8	0	3	4	14	4	13	33
27	10	34	49	3	14	30	57	9	18	31	57	15	22	42	44
29	5	3	19	5	8	59	20	11	13	0	51	<i>Jupiter near the Sun.</i>			
30	23	31	48	7	3	27	43	13	7	29	46				
<i>June.</i>				8	21	56	7	15	1	58	44	<i>December.</i>			
1	18	0	15	10	16	24	32	16	20	27	43				
3	12	28	41	12	10	52	58	18	14	56	43	Immerfions.			
5	6	57	5	14	5	21	25	20	9	25	45				
7	1	25	28	15	23	49	55	22	3	54	49	2	17	30	8
8	19	53	50	17	18	18	27	23	22	23	54	4	11	57	44
10	14	22	12	19	12	47	2	25	16	53	0	6	6	25	19
12	8	50	33	21	7	15	38	27	11	22	6	8	0	52	53
14	3	18	54	23	1	44	15	29	5	51	12	9	19	20	25
15	21	47	14	24	20	12	54	31	0	20	18	11	13	47	55
17	16	15	35	26	14	41	34	<i>September.</i>				13	8	15	23
19	10	43	56	28	9	10	16					15	2	42	50
21	5	12	17	30	3	39	0	1	18	49	25	16	21	10	17
22	23	40	38	31	22	7	46	3	13	18	33	18	15	37	44
24	18	9	1	<i>August.</i>				5	7	47	42	20	10	5	10
26	12	37	24	2	16	36	34	7	2	16	52	22	4	32	36
28	7	5	47	4	11	5	23	8	20	46	2	23	23	0	1
30	1	34	11	6	5	34	13	10	15	15	12	25	17	27	25
								12	9	44	22	27	11	54	50
												29	6	22	26
												31	0	49	44

The Times of the Eclipses contained in this Table are adapted to the Meridian of the Royal Observatory near *London*; and by carefully observing the Times of the Immerfions and Emerfions of this Satellite, which is the most convenient and proper for Geographical Purposes of any of the other three, the Longitude of Difference of the Meridian of the Place where the Observation is made, and the Place the Eclipses are calculated for, may be exactly discovered; and is the most correct and practical Method ever yet hit upon: notwithstanding the many whimsical, and some ingenious Ways, invented for that Purpose, by several Persons who have spent much Time and Labour, in Hopes of gaining the great Reward of Twenty Thousand Pounds offered

*Wing, 1768.*

by Parliament, for a practical Method of solving that grand Problem with Certainty, but hitherto to no Effect. It is also much more easy and correct to find the Difference of Meridians by this Method, than by the Eclipses of the Moon, not only on Account of their more frequent happening, but because the Motion and Times of these Immersions and Emerfions are more easily observed, than the Times of the Beginning and End of a Lunar Eclipse; because the Time of the Moon's Ingress into the Shadow of the Earth, and her Egress out of it, is not easily distinguished from that of the Penumbra.

*I shall illustrate the Use of the preceding Table by an Example.*

Suppose, on the 27th Day of December, this Year, the Time of the Immersion of *Jupiter's* first Satellites be observed (by a Telescope) in an unknown Meridian, to happen at 56 Minutes, 40 Seconds after 9 at Night: I find by the Table, that the Time of this Immersion will happen (at the *British* Observatory) at 54 Minutes, 50 Seconds after 11 the same Night: The Difference of the Times is 1 Hour, 58 Minutes, 10 Seconds; which being converted into Degrees and Minutes of the Equator, will make 29 Degrees, 32 Minutes, 30 Seconds, the Longitude of the Place of Observation to the West; because the Time is less than that at the *British* Observatory.

*See the Operation.*

	H.	M.	S.
Immersion by the Tables, - - - -	11	54	50
Immersion observed, - - - -	9	56	40
<hr/>			
The Difference in Time is - - - -	1	58	10
In Degrees of the Equator - - - -	29°	32'	30" West.

**A Table**

King, 1768.

A Table of the Equation of natural Days, exactly calculated for the Year 1768.

D.	Janu.	Febr.	March.	April.	May.	June.
1	48. 1	14 8	12 41	3 49	3 12	2A. 3
2	4 29	14 16	12 28	3 31	3 20	2 1
3	4 57	14 23	12 14	3 13	3 27	2 1
4	5 25	14 29	12 1	2 55	3 33	2 1
5	5 52	14 34	11 47	2 37	3 39	2
6	6 18	14 38	11 32	2 19	3 44	1 5
7	6 44	14 41	11 17	2 2	3 48	1 3
8	7 10	14 43	11 1	1 45	3 52	1 2
9	7 35	14 45	10 45	1 28	3 55	1 1
10	8 0	14 46	10 29	1 11	3 58	1
11	8 25	14 46	10 12	0 54	4 0	0 5
12	8 49	14 46	9 55	0 38	4 1	0 4
13	9 12	14 45	9 38	0 22	4 1	0 2
14	9 35	14 43	9 21	0 6	4 2	0 1
15	9 57	14 41	9 4	0A. 9	4 2	0
16	10 17	14 38	8 46	0 24	4 2	0S. 1
17	10 37	14 34	8 29	0 38	4 1	0 2
18	10 56	14 29	8 10	0 52	3 59	0 3
19	11 15	14 23	7 52	1 5	3 57	0 4
20	11 33	14 16	7 33	1 18	3 54	1
21	11 50	14 9	7 15	1 31	3 50	1 1
22	12 7	14 1	6 56	1 43	3 46	1 2
23	12 23	13 53	6 37	1 55	3 41	1 4
24	12 38	13 44	6 18	2 6	3 36	1 5
25	12 52	13 35	5 59	2 17	3 30	2
26	13 5	13 25	5 40	2 27	3 24	2 1
27	13 17	13 15	5 21	2 37	3 18	2 2
28	13 29	13 4	5 3	2 46	3 11	2 4
29	13 40	12 53	4 44	2 55	3 4	2 5
30	13 50		4 26	3 4	2 56	3
31	13 59		4 7		2 48	

If the equal Time be given; add to, or subtract the tabular Numbers from it, as directed by the Table, the Sum or Difference will be the equal or constant Time.

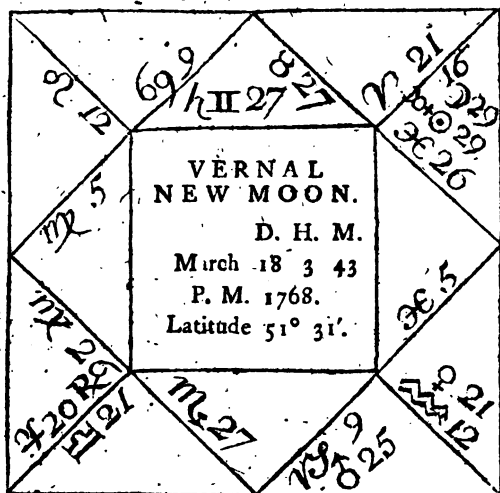
Wing, 1768.

A Table of the Equation of natural Days, exactly calculated for the Year 1768.

	July.	August.	Sept.	October.	Nov.	Dec.
1	3 S. 18	5 45	0 A. 29	10 34	16 14	10 19
2	3 29	5 41	0 58	10 53	16 14	9 55
3	3 39	5 36	1 7	11 12	16 14	9 31
4	3 50	5 31	1 26	11 30	16 13	9 6
5	4 0	5 26	1 45	11 48	15 10	8 41
6	4 11	5 20	2 5	12 5	16 26	8 15
7	4 21	5 13	2 25	12 21	16 2	7 49
8	4 30	5 6	2 46	12 37	15 57	7 21
9	4 38	4 58	3 6	12 53	15 51	6 54
10	4 47	4 49	3 27	13 8	15 45	6 25
1	4 55	4 39	3 47	13 21	15 38	5 59
2	5 3	4 29	4 8	13 38	15 30	5 31
3	5 10	4 18	4 29	13 52	15 21	5 3
4	5 17	4 7	4 50	14 5	15 11	4 34
5	5 23	3 56	5 11	14 18	15 0	4 4
6	5 29	3 44	5 32	14 30	14 48	3 34
7	5 34	3 32	5 53	14 42	14 36	3 4
8	5 39	3 19	6 14	14 53	14 23	2 34
9	5 43	3 6	6 35	15 3	14 9	2 4
10	5 47	2 52	6 56	15 13	13 54	1 34
1	5 50	2 37	7 16	15 22	13 38	1 4
2	5 52	2 22	7 37	15 30	13 21	0 34
3	5 54	2 7	7 57	15 38	13 4	0 4
4	5 56	1 51	8 17	15 45	12 46	0 S. 20
5	5 57	1 35	8 37	15 51	12 27	0 56
6	5 57	1 19	8 57	15 57	12 7	1 26
7	5 57	1 2	9 17	16 2	11 47	1 55
8	5 56	0 44	9 36	16 6	11 26	2 24
9	5 54	0 26	9 56	16 9	11 4	2 54
10	5 52	0 8	10 15	16 11	10 42	3 23
1	5 49	0 A. 10		16 13		3 53

If the correct or apparent Time be given; add to, or subtract the tabular Numbers from it, contrary to the Directions of the Sum or Difference will be the equal Time.

Wing, 1768.



**T**HE Vernal or Spring Quarter begins this Year on the 20th Day of March, 43 Minutes after 1 in the Morning: But, for some Reasons formerly given in this Almanack, I shall have a more special Regard to the Time of the Lunation next preceding this Ingress, as a proper Basis for the ingenious Artist to raise a Judgment on this Year's Revolution.

*Wing, 1768.*

*Of the Rising and Setting of the Stars Cosmical, Achronical, and Heliacal.*

“ **B**ECAUSE the Civil Year of the Antients did not keep  
“ pace or agree with the annual Motion of the Sun;  
“ having the Day of the Month and the Year when any me-  
“ morable Action fell out, it could not be from thence im-  
“ mediately known in what Season of the Year it was done.  
“ And therefore when the Husbandmen settled the Times for  
“ the several distinct Parts of their Business, they could not  
“ point out that Time by a certain Day of their Calendar; for  
“ the same Day of the Month was not always in the same  
“ Season of the Year, but it was necessary to have more certain  
“ Characters and Marks to distinguish Times; and therefore  
“ the Writers of Husbandry, Historians, and Poets, had Re-  
“ course to the Rising and Setting of the Stars, by them to  
“ mark out the Times. And of these Risings and Settings  
“ they reckoned three Sorts, *viz.* the Cosmical, Achronical,  
“ and Heliacal. A Star is said to rise or set Cosmically which  
“ rises or sets when the Sun rises; so that a Star which rises or  
“ sets in the Morning rises or sets Cosmically. A Star rises  
“ Achronically when it rises while the Sun sets, that is, in the  
“ Evening, when it is in Opposition to the Sun, and is visible  
“ all Night.

“ A Star rises Heliacally, when, after it has been in Con-  
“ junction with the Sun, and on that Account invisible, it  
“ comes to be at such a Distance from him as to be seen in the  
“ Morning before Sun-rising, when the Sun by his apparent  
“ Motion recedes from the Star towards the East. But the  
“ Heliacal Setting is when the Sun approaches so near a Star  
“ that it hides it with its Beams, which keep the fainter Light  
“ of the Star from being perceived. And therefore the He-  
“ liacal Rising and Setting is rather an Apparition and Occul-  
“ tation than a Rising and Setting.



“ All the fixed Stars in the Zodiack, as likewise the Superior  
“ Planets, *Mars*, *Jupiter*, and *Saturn*, rise Heliacally in the  
“ Morning a little before Sun-rising, and a few Days after they  
“ have set Cosmically ; because the Sun in his apparent Motion  
“ gets before them, moving faster Eastward : But they set He-  
“ liacally in the Evening a little before their Achronical Setting.  
“ But the Moon, whose Motion Eastward is always quicker  
“ than the apparent Motion of the Sun, rises Heliacally in the  
“ Evening, after the new Moon or the Change, when it can  
“ be first discovered at Sun-setting ; but the Moon sets He-  
“ liacally in the Morning when the Moon is old and approach-  
“ ing to a Change. The inferior Planets, *Venus* and *Mercury*,  
“ which sometimes seem to go Westward from the Sun, and  
“ sometimes again have a quicker Motion than he Eastward,  
“ rise Heliacally in the Morning when they are Retrograde ;  
“ but when they are direct in their Motions they rise Heliacally  
“ in the Evening.”

F I N I S.

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# *Speculum Anni :*

O R,

SEASON on the SEASONS.

BEING AN

# ALMANACK

For the Year of our LORD 1763,

Being the

BISSEXTILE, or LEAP-YEAR:

WHEREIN

Are all Things needful for such a WORK; as the Sun's rising and setting, the Moon the same, and Southing for Six Months; Planets Places and Aspects, Eclipses, Judgment on the Weather, and on the Quarters, Astrological Monthly Poetry, New Ænigmas, and Observations useful and entertaining.

---

By HENRY SEASON,  
Physician, Student in the Celestial Sciences, and  
an Investigator of Truth.

---

" He hath give me the true Knowledge of the  
" Things, that are, the Situation of the Stars,  
" the Diversities of the Plants, and the Virtue  
" of Herbs." *Wisd. ch. vii. ver. 20. &c.*

" *Me ve o primum dulces ante omnia musæ, acci-*  
" *piant: cælisque vias et sidera monstrant defic-*  
" *tus soli varios læaque labores.*" *Virg. Georg.*

---

This little Book a small Epitome,  
Of that more large you in the Heavens see;  
The glorious Stars (I mean) whereby is shown,  
That Wisdom which no Atheist dare disown:  
These massy Globes teach us well to understand,  
Must be the Skill of an Almighty Hand;  
The same great God has given Man to know  
Their Motion, Tour, and Influence below.

---

The AUTHOR's Thirty Fifth Impression.

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L O N D O N  
Printed by T. PARKER, for the Company of  
S T A T I O N E R S .  
[PRICE NINE-PENCE Stitched.]

FRIENDLY READER,

**B**Y the divine Goodness, I have presented thee with one more SPECULUM, which I hope will prove as acceptable to thee as my former ones have been; of which I am thoroughly satisfied, by the Number of Letters I lately received from different Parts of the Kingdom; for thy Sake, Reader, and to oblige some select Friends, I have ventur'd to expose this Writing to the merciless Censure of Criticks; formerly I run the Gantlope between a great Number of them, and weather'd out a great deal of scurrilous Treatment from them; some of which I have silenc'd, and the rest are fallen asleep; so at present, Thanks to God, I enjoy a sort of Halcyon Pleasure. Whatever some may conceive, there is much Care and Circumspection as well as Labour in compiling an ALMANACK, even more than a Sermon or a Play; the Auditor of either of them can't be above a Parish or Two no way comparable to the Readers of an ALMANACK, which may serve a Kingdom or Two; and when the Writer has exerted his Skill and used his utmost Pains and melancholy Care, he is look'd on by the most not scarce equal to a Mechanick, and often by many an illiterate Clown and others, his Character is stigmatiz'd with the vilest of Names, viz. Conjuror, and why? only because he is an ALMANACK Writer.

Be it known to all Men, I utterly defy, abhor and detest any Art, Invention or Means as may any way support or uphold the Kingdom of Darkness, but rather strive to demolish it; neither in Writing or otherwise whatsoever have I propagated, countenanc'd or conniv'd at any Vice or Folly, tho' ever so much in Vogue, but have endeavoured to suppress and abolish it; and to recommend and exhort to its opposite Virtue, (tho' to small or no Purpose.) As to Astrology, in that Latitude I profess it in, 'tis free from all fatal Necessity, or intermeddling with the Divine Providence, or other Superstition; I do and can support and prove it has been embraced by the wisest and best of Men; and not impugned by Scripture: And it is an indispensable Handmaid to Physick, neither is it possible any one can be compleat Master of Physick without a Knowledge of the Heavenly Bodies as Doctor Mead, and Hundreds of his Predecessors have taught and abundantly demonstrated. The two great Founders of Physick, Hippocrates and Galen, both enjoin'd their Pupils to

get themselves well acquainted with the Nature of the Stars ; but that Precept and the rest of their Doctrine is rejected and set at naught now a days amongst our modern Practitioners : Physick is a poor Track at present, (or in no Track at all) scarce deserves the Name of a Science, as it is now made Use of by many, who practise with little or no Concern with any Philosophick Reasoning, or Mechanick Demonstration : Physick by such, moves at present on the Hinges of whimsical Fashion, and wild random Imitations. O ! *monstrum* : Books and Botany are spurn'd both out of Doors. (More in my Observations on this Head.) Besides what I hinted at before. Another disgustful Point attends the Writer of an ALMANACK ; when he has exerted all his Care to send out his Work compleat, he is still liable to the Blunders and Neglect of the Printer, and so his Works come out mutilated by the bad Midwit'ry of the Printer, as 'twas in mine last Year ; The Weather left out for *March*, no *Good Friday*, and a Third Part of the *Planets Aspects* not printed ; (yet was printed better than formerly) as to inserting an Enigma, I am assured the greater Part of my Readers very much approve of it, and take it as an agreeable Amusement to exercise their Genius's on : How mean soever some may conceive of an Enigma, in Ages past some Kings famous in Learning had them in great Estimation ; and in this present Age several Wits of both Sexes, are highly entertained and pleased with them. Last Year I received a great Number of wrong Answers to mine, (which I don't think was a difficult one.) The true Answer was, an ALMANACK ; which was Answered by the Son of the Rev. Mr. Rolt, Rector of *Broomham* ; by *Thomas Hodges*, now Dead ; by Mr. *B. nks*, *Broomham* ; by Mrs. *Mol'y Pead* ; Mr *Bradfield*, *Barnwick, Wilts.* Mr. *Sloper*, *Dewizes* ; Mr. *William Vizer*, *Easton Gray, Wilts.* Mr *J. Vine*, *Heathfield, Suffx* ; Mr. *Dyke*, *Manningford*, in Verse. To the Second I had but one Answer, by an Officer in the Army, Mr. *Charles Hutton* ; the Reason why so few answered it, I conceive, so few understood the Terms of Art belonging to Falconry.

Mr. JOHN DYKE's Answer.

A Crew of Infidels there be,  
 Of Principles most vile ;  
 Astronomy that curious Art,  
 These profane Souls revile :  
 A Writer of an *Almanack*  
 A Conjurer is deem'd ;  
 Though his Predictions prove exact,  
 He's not by them esteem'd :  
 But be it known to all such Fops,  
 That Art will not decline,  
 But always will be lov'd and priz'd,  
 Until the End of Time.

Mr. HUTTON's Answer to the 2d Enigma

When the French Monarch fought the Irish Shore,  
 Awaiting Winds to waft his Navy o'er ;  
 Then did thy Bird\* display his warlike Train,  
 A hundred Beaks cou'd plough the wat'ry Main ;  
 With grappling Talons fasten'd on his Prey,  
 On Canvas Plumes he bore the Prize away.

\* This is meant Admiral Hawke.

The first Quære was Answered by Mr. *Hitchcock* of *Andover*, *Wills.* which was *Pride* ; which he writes is always ally to Folly, the never failing Vice of Fools, as Mr. *Pope* observed.

The second Quære was Answered by Mr. *James Adams* *Clanfield, Oxon.* (tho' he mist the Enigma) his Answers were the most abstruse Thing to know was to know *One's self* ; the same Answer I had from Mr. *Dyke*.

\*\*\*\*\*

The Author's Twenty-Second ÆNIGMA.

Poets of old and fam'd Historians tell,  
 Things marvellous to make their Volumes swell ;  
*Pliny* for this remarkable we find,  
 Who wrote of Things surpassing human Mind ;  
 Others have told of Beasts will quench a Fire,  
 And some of Fishes flying in the Air ;  
 That there's a Fly makes men to dance and skip,  
 And a small Fish that can obstruct a Ship ;  
 Vast other Things in Nature found and Art,  
 Though small in Bulk, yet Miracles impart ;  
 The same alike of what I now shall treat,  
 It's wondrous Acts, hear itself repeat :  
 I own I am a diminutive Thing,  
 Yet can repulse a Lion or a King ;  
 And on a Time, I need not tell you when,  
 I did prevent a puissant Host of Men ;  
 In Foreign Lands I'm often put in Trust,  
 To be a Bridle to unbridled Lust ;  
 In other Climes I'm held of Dignity,  
 And honour'd much by the most Holy See ;  
 On high and low I constant do attend,  
 The Villain's Foe, the honest Patriot's Friend ;  
 Of no great Stock or Family I came,  
 Yet there be some do not disdain my Name ;  
 The Character is good which I do bear,  
 And Things of Worth committed to my Care ;  
 Yet I like some that's found among the great,  
 Have turn'd out Hypocrite and Counterfeit ;  
 In the four Elements I have been seen,  
 Naked, unhurt, without a Fence or Screen ;  
 With *Jove* 'tis thought I have obtain'd a Place,  
 As oft' with *Pluto* among th' Infernal Race ;  
 With Sons of *Neptune* I do often ride,  
 Nay, more than once been near a Female's Side.

## A New Epistle by Mr. Charles Lamb, &c.

BROTHER, WOULD I COULD ADDRESS THEE  
 THROUGHOUT THESE THIRTY-NINE HUNDRED YEARS;  
 THOUGH I IN THE DEED, MY FRIENDSHIP KNOWS NOT AGE,  
 & IT WOULD BE THE INTEREST OF MANKIND;  
 BUT SINCE I AM NOT PERMITTED TO DO SO,  
 WHERETO I MUST JOIN THE COMMON LAWS OF GOD;  
 MY LETTERS OUT OF MY HAND AND LONG ARE,  
 I SET A SPECIMEN THAT NONE WILL DENY;  
 THERE IS MY FIRST A FIDELITY BURGESS FIRST,  
 FATHERS AND MOTHERS, AND COUNSELLORS WISE;  
 MANKIND KEEP IN MIND, SEEKING SALVATION;  
 AND LIVES HEREIN, TO ALL ITS FATE RETURN.

## A New ACROSTICK REBUS

What sort do partake of that five to be old,  
 What sort is the Sex Men precious do hold;  
 A Thing that the Prop of our Lives does contain,  
 And an Engine by which some Hundreds are slain;  
 With the Name of a City fam'd in the East,  
 And the Name of a Reptile that infects Man and Beast;  
 And a Creature that's often dish'd up at a Feast:  
 These Initials when join'd will give you a Name,  
 Of an innocent Man oft' hurt with ill Fame.

## A New QUÆRE or Two.

If the Planets do not bias, or have no Force in hum  
 dies, (as many won't allow) what is the Occasion Child  
 of the same Parents do vary so much in their Temper o  
 and are often quite opposite in their natural Disposition  
 and Mind?

Quære 2. Is there any such Thing as a true dissi  
 Friendship to be found in the World?

Quære 3. Whether what St. Paul has Prophesied  
 come to pass in the last Days, 2 Tim. Chap. 3. Ver. 1  
 Is it not fulfilled now in this present Age.



A TABLE for the Moon's Southing for 6 Months, which I presume may be sufficient for Farmers, and all such as breed Cattle; may serve also Watermen and others that travel during the 6 Months under named.

	Feb.	March	April	May	June	July
	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.
1	11 16	10 A. 45	11 A. 38	11 53	1 M 9	1 M 36
2	Morn.	11 28	Morn.	Morn.	2 2	2 26
3	0 47	Morn.	1 2	1 30	2 55	3 15
4	1 30	0 50	1 47	2 22	3 46	4 3
5	2 9	1 31	2 36	3 15	4 35	4 52
6	2 50	2 13	3 28	4 7	5 23	5 41
7	3 31	2 56	4 20	4 59	6 11	6 33
8	4 12	3 43	5 13	5 50	7 0	7 27
9	4 57	4 32	6 6	6 40	7 51	8 25
10	5 45	5 25	6 59	7 28	8 45	9 26
11	6 36	6 18	7 50	8 18	9 42	10 26
12	7 30	7 13	8 42	9 9	10 43	11 25
13	8 25	8 8	9 33	10 3	11 45	p noon.
14	9 22	9 2	10 26	11 2	p noon.	0 21
15	10 18	9 56	11 20	p noon.	0 48	1 11
16	11 14	10 48	p noon.	0 6	1 45	1 58
17	p noon.	11 40	0 20	1 8	2 37	2 42
18	0 8	p noon.	1 20	2 9	3 25	3 23
19	1 0	0 37	2 22	3 9	4 10	4 5
20	1 52	1 32	3 22	4 3	4 52	4 47
21	2 45	2 30	4 21	4 52	5 33	5 30
22	3 40	3 30	5 18	5 38	6 14	6 13
23	4 36	4 30	6 9	6 21	6 55	7 0
24	5 34	5 29	6 57	7 2	7 38	7 50
25	6 32	6 25	7 41	7 42	8 22	8 42
26	7 28	7 18	8 23	8 23	9 11	9 35
27	8 23	8 7	9 3	9 5	10 3	10 29
28	9 14	8 52	9 43	9 48	10 57	11 20
29	10 10	9 36	10 24	10 34	11 51	Morn.
30	11 2	10 16	11 27	11 24	Morn.	1 9
31		10 57		Morn.		1 59

# January hath XXXI Days.

Full Moon the 4th Day, at 4 Hour 20 Min. Morn.  
 Last Quarter the 15th Day, at 4 in the Morn.  
 New Moon the 19th Day, 6 H. past Noon.  
 First Quarter the 26th Day, at 1 H. 30 near Noon.

M	D
1	29
8	22
16	20
24	28

Though I grow old the Speculum's renew'd,  
 And mystic Truths you'll find it doth include.

M	W	Remarkable	☉	☾	☿	♂	♀	♂	Mut. Asp
D	D	Days, &c.	W	d.	m.	n.	m	♀	& Weath.
1	a	Circumcision.	11	0	25	5	M 40	1 24 18	Cold dry
2	b	7 Stars set 11m.	12	21	0	6	43	2 25 19	wind soon
3	c	2 Sun. aft. Chr.	13	4	24	7	35	3 26 20	change.
4	d	past 4 in morn.	14	17	35	8	Rises	3 27 22	* ♀ ☿
5	e		15	0	31	5	A. 36	4 28 23	A little
6	f	Epiphany.	16	13	10	6	51	5 29 24	Snow or
7	g	Venus is a	17	25	32	8	2	5 25	Rain.
8	a	Morning Star	18	7	40	9	12	6 1 26	
9	b	till 12 August.	19	19	41	10	23	7 2 28	Cold wind
10	c	1 Sun. aft. Ep.	20	1	38	11	31	7 3 29	♂ ♀ ☿
11	d		21	13	31		Morn.	8 4	
12	e	The great Dog	22	25	30	0	43	9 5 1	☐ ☉ ♀ }
13	f	Star rises past 5	23	7	30	1	55	9 6 3	☐ Apo, }
14	g	at Night.	24	19	50	3	4	10 7 5	A little
15	a	Days' inc. 26m.	25	2	20	4	13	11 8 7	milder.
16	b	Day br. 50 m.	26	15	4	5	20	12 9 8	
17	c	2 Sun. aft. Ep.	27	28	11	6	15	12 10 9	
18	d	past 5.	28	11	40	6	59	13 11 10	18 Queen's
19	e		29	25	37	8	Sets.	14 12 11	Birth Day
20	f		30	9	50	5	28	14 13 12	kept.
21	g	St. Agnes.	1	24	15	6	59	15 15 13	Rain or
22	a	Great Dog Star	2	8	48	8	19	16 16 14	♂ ☿ ☿
23	b	f. 8m. past 10.	3	23	18	9	47	16 17 16	Snow.
24	c	3 Sun. aft. Ep.	4	7	51	11	16	17 18 17	☐ Perig.
25	d	St. Paul Conv.	5	22	10		Morn.	18 19 19	
26	e	Day increased	6	6	17	0	43	18 20 20	☐ ♀ ☿
27	f	to 8 hours 36	7	20	15	2	3	19 21 22	
28	g	min.	8	3	50	3	17	19 22 24	* ♀ ☿
29	a		9	17	30	4	24	20 24 25	Weather
30	b	K Charl. Mart	10	0	40	5	26	21 25 27	agreeable
31	c	Septuagesima.	11	13	45	6	6	21 26 28	to Season.

Season.

January 1768.

The Year is chang'd, now ushers in the New,  
But Man's the same, acts bad as used to do;  
Inspect the World, survey the Island o'er,  
'Tis Interest is the God that most adore:  
So much of Fraud in Vogue, and Villainy,  
An honest Man's now deem'd a Prodigy.

## OBSERVATIONS.

Friendly Reader,

**B**Y the divine Permission I have once more exhibited some few Remarks on several Affairs of this mundane Globe; more particularly on some that concern the Island we live in, reserving my Observations on the heavenly bodies, to the last of these Sheets: the Subjects I shall expostulate on, I sha'll aim to keep to the Standard of Truth, being somewhat instructive and seasonable, (and I hope agreeable to a great Part of my Readers, for to all is an Impossibility) for whatever is broach'd in publick that doth interfere with any beloved Vice, or establish'd Notion; 'tis no Wonder to find it displeasing to such. What I shall begin my Observation with, is on the same as I ended my last with; which is the late sorrowful Remonstrance of the distressed Poor for Want of Bread, touching the Extremity of a Famine, which abounds throughout this Kingdom, tho' scarce any where so much as about our County, where many a one has actually been starved to Death; which, of all Deaths is the most cruel and deplorable, as Dr. *Cheyney* has said, 'tis like being burnt to Death with a slow Fire. Yet this has been the unhappy Case of many in a Land of Plenty; and Multitudes more are now starving, (at this Time *May. 28*) and more would soon, was it not for the charitable Benevolence of some few Gentlemen who do commiserate the Miseries of the present

M	☉	☽
D	Rise.	Sets.
1	8 53	55
2		
3		
4		
5		
6	8 13	59
7		
8		
9		
10		
11		
12		
13		
14	7 55	4 5
15		
16		
17		
18	7 48	4 12
19		
20		
21		
22		
23		
24	7 40	4 20
25		
26		
27		
28		
29		
30	7 30	4 30
31		

Morn. Air &amp; Weather.

Cold dry  
wind loose  
change.  
\* \* \*  
A little  
Snow or  
Rain.Cold  
\* \* \*\* \* \*  
A little  
mild.

\* \* \*

# February hath XXIX Days.

Full Moon the 2d Day, 8 h. 30 min. past Noon.  
 Last Quarter the 10th Day, 12 h. 27 m. past Noon.  
 New Moon the 18th Day, at 6 in the Morning.  
 First Quarter the 24th Day, 9 h. past Noon.

M	F	V
D	II	III
1	27	22
8	27	8
15	27	23
24	27	22

To introduce its Birth I spar'd no Pain,  
 To pleasure Friends, it could not be for Gain:

W	Remarkable Days, &c.	☉	☽	☿	♂	♀	♂	♀	Mut. Asp. and Weat.
D		d.	m.	h.	m.	1	1	1	
1	d	12	26	0	6 39	22	27	1	* 24 ♂
2	e	13	8	40	♂ Rises	23	28	3	some
3	f	14	21	30	5 38	24	29	5	Frost.
4	g	15	3	40	6 50	25	30	6	
5	a	16	15	40	7 58	25	1	8	
6	b	17	27	50	9 12	26	3	10	
7	C	18	9	30	10 22	27	4	11	♂ Apog.
8	d	19	21	41	11 31	28	5	13	♂ ♀ ♂
9	e	20	3	25	Morn.	28	6	15	Cold
10	f	21	15	27	0 44	29	7	16	Storms
11	g	22	27	31	1 53	30	8	18	more se-
12	a	23	9	46	2 59	30	9	19	Δ ☉ ♀
13	b	24	21	31	3 57	1	10	21	Δ ♀ ♀
14	C	25	5	46	4 58	1	12	23	Valentine
15	d	26	19	34	5 48	2	13	25	♂ ☉ ♀
16	e	27	3	31	5 57	3	14	27	Δ ☉ ♀ }
17	f	28	17	53	6 21	3	15	29	Δ ♀ ♀ }
18	g	29	2	50	♂ Sets.	4	16	30	rene now.
19	a	30	17	20	7 19	5	17	3	Fine but
20	b	1	2	43	8 47	5	19	5	* ♂ ♀
21	C	2	17	27	10 17	6	20	6	♂ Perig.
22	d	3	2	10	11 45	7	21	8	cold.
23	e	4	16	38	Morn.	8	22	9	☐ ♀ ♀
24	f	5	0	46	1 5	9	23	10	Ember
25	g	6	14	10	2 18	10	24	11	Week.
26	a	7	27	37	3 19	10	26	13	Weather
27	b	8	10	20	4 9	11	27	14	* ♀ ♀
28	C	9	22	58	4 44	12	28	15	fine for
29	d	10	5	40	5 19	12	29	16	the Season

# Season. February 1768.

Integrity is look'd on as a Joke,  
The Law's like Cobweb, sacred Oaths as Smoak;  
Of most that's good we nearly are bereft,  
And scarce a Champion now for Learning left,  
Virtue declines, true Honour's quite forgot,  
Gallants will Misses keep, and ev'ry Sot  
Will sooner leave his Life than miss his Pot.

			OBSERVATIONS.
M	☉	☽	
D	Rise.	Sets.	
1	7 27	4 33	Scarcity, and Wants of the Poor; and ha
2			supplied in a great Measure the hungry cr
3			ing of those in Want; and has reprieved m
4			ny from Death (some Distance from my P
5			rish.) Is it not a surprising Thing as well
6	7 18	4 42	a calamitous one, that our Kingdom, whi
7			has been usually term'd the Granary of t
8			western World? And a known Magazi
9			that abounds with all Things necessary f
10			the Support of Life, should be now redu
11			to such an Extremity of Want, so as to ha
12	7 7	4 53	Recourse to foreign Nations for Corn? H
13			we had any Devastation by an Enemy, or
14			Inundation, or any inclement or unseason
15			al Weather had injured our Corn, or had
16			had any Murrain or Sickness among our C
17			attle, or the like Calamities, People wou
18	6 56	5 4	have laid a Restraint on their Out-cry, a
19			patiently submitted to the all-wise Providen
20			But blessed be God, none of these Evils ha
21			happen'd; our Fields have been bless'd wi
22			their usual Product, and our Cattle have r
23			fail'd of their annual Increase, sufficient
24	6 44	5 16	have supplied double if not treble the Inh
25			bitants of this Island, when Multitudes
26			poor Wretches are and have been famishi
27			for Food: The like hath not been knov
28			this Age, nor in any other from the like ill
29			gal Cause. The Occasions of it do scar
30			remain as a Question, when 'tis so appare
			ly conspicuous, that this Evil proceeds fro
			no other Cause but the Iniquity of a Set

March hath XXXI Days.

Full Moon the 3d Day, a h. 40 min. past Noon.

Left Quarter the 11 Day, 6 h. 10 m. past Noon.

New Moon the 18th Day, 4 h. past Noon.

First Quarter the 25th Day, 9 h. 25 min. past Noon.

M	D	Y
1	27	12
8	D.	21
16	28	20
24	28	20

As 'tis Compil'd. now round the Land it Steers,  
But scarce all Cordial to some kind of Ears.

W	Remarkable Days, &c.	☉	☽	☿	♂	♀	♂	Mut. Asp. and Weat.
D	D	h.	d.	m.	h.	m.	h.	m.
1	d St. David.	11	18	17	5	32	13	0
2	e St. Paul preach-	12	0	20	5	47	14	1
3	f ed in Arabia.	13	12	33	6	Rise.	14	3
4	g	14	24	12	7	1	15	4
5	a Prs Hesse bo.	15	6	20	8	8	16	5
6	B 3 Sun. in Lent.	16	18	18	9	21	16	6
7	c Herod now	17	0	10	10	30	17	7
8	d about aimed to	18	12	0	11	40	18	9
9	e kill himself.	19	23	50	Morn.	18	10	4
0	f Day break at	20	6	0	0	48	19	11
1	g 22 minutes.	21	18	30	1	49	20	12
2	a The 8th Died	22	1	5	2	41	21	13
3	B Midlent Sun.	23	14	10	3	26	21	15
4	e my great Friend	24	27	34	4	1	22	16
5	d J. Nicholas.	25	11	31	4	25	23	17
6	e Julius Cæsar	26	25	38	4	45	24	18
7	f stabb'd in the	27	10	50	5	7	25	19
8	g Senate House.	28	26	0	5	Sets.	26	21
9	a Prs. Louisa bo.	29	11	21	7	54	26	22
0	B	30	26	15	9	20	27	23
1	c	31	11	34	10	48	28	24
2	d Unequal n.&d.	2	26	15	Morn.	28	26	16
3	e Days increas'd	3	10	22	0	35	29	27
4	f 4 h. 50 min.	4	24	4	1	16	30	28
5	g Lady Day.	5	7	20	2	7	29	14
6	a	6	20	12	3	4	1	36
7	B 5 Sun. in Lent.	7	2	45	3	18	2	2
8	e The Passover	8	15	6	3	43	3	3
9	d eaten 27.	9	27	17	3	59	4	4
0	e Day break at	10	9	18	4	15	4	5
1	f 3 h. 32 min.	11	21	15	4	27	5	6

Season.

March 1768.

Wherever Evils reign, among the rest  
 Before the Poor at all Times are oppress'd :  
 The Jobbers thrive, few Laws are put in Force,  
 Which is and will be *England's* greatest Curse :  
 Small is our Hope any Redress to have,  
 'Till got beyond the Curtains of the Grave.

## OBSERVATIONS.

D	⊙ Rise	⊙ Sets.	
1			profligate Men, who pay no Regard to Law
2			divine nor human ; minding no Ties of Re-
3	6 34	5 26	ligion or Government, but to satisfy their a-
4			varicious Appetites, ingrosseth and transport-
5			eth our Corn and Cattle, maugre all the good
6			Laws our gracious King and Parliament have
7			made to prevent it ; and this abominable
8	6 22	5 38	Practise is in a great Measure owing to the
9			Supineness and Conniving of such Men as
10			are deligated with the Power to execute it on
11			such Offenders, which has been totally ne-
12			glected ; and small are the Hopes of any
13	6 14	5 46	Reformation in this Point, to the Calamity
14			of Thousands if not Millions : Most of these
15			last meant Men are the Gallios, that take no
16			Care for any of those Things, and to whom
17			the Life of the Poor has scarce been valued
18	6 4	5 56	with that of a Spaniel : I wish all such would
19			seriously peruse Dr. <i>Sacheverell's</i> Sermon on
20			Communication of Sins ; where they may
21			observe, that a tacit Admission of any Crime
22			by a Person that has a Right, and 'tis his
23			Duty to punish it and he neglects it, that Per-
24			son is a real Promoter and Encourager of
25	5 52	6 8	that Wickedness the Criminal is guilty of.
26			I may, without much Search take Notice, the
27			Perusal of Sermons is near out of Fashion
28			and Religion is grown as scarce among ma-
29			ny of the Rich, as Provision is among the
30	5 40	6 20	Poor ; which, in fine, is one great if no
31			the prime Cause of those Evils we complain
			of.

# April hath XXX Days.

Full Moon the 2d Day, at 8 in the Morning.  
 Last Quarter the 10th Day, at 8 in the Morning.  
 New Moon the 16th Day, 12 h. 32 min. at Night.  
 First Quarter the 23d Day, 9 h. 15 m. in the Evening.

M	h	Y
D	II	E
1	28	19
8	29	18
16	29	17
24	30	16

Some Louts perhaps will cry out with a Sneer,  
 What has the Conjuror foretold this Year :

W	Remarkable	☉	☽	☿	♂	♀	♂	♀	Mut. Asp.
D	Days, &c.	Y	d.	m.	h.	m.	☿	♀	and Weat.
1	g All Fools Day.	12	3	16	4	41	5	7	14 ♂ ☉ ♀
2	a Day br. at 3h.	13	15	0	☾	rises	6	9	13 Dry
3	B Easter Sunday.	14	16	50	8	27	7	10	12 Winds not
4	c Easter Mond.	15	8	48	9	34	8	11	11 hold long.
5	d Easter Tue'd.	16	20	50	10	43	8	12	11 ☾ Apog.
6	e 20 min. morn	17	2	50	11	48	9	14	10 ☉ ☿
7	f Days increased	18	15	4	Morn.		10	15	10 * ☉ ☿
8	g 5h. 53 min.	19	27	25	0	43	11	16	9 Storms if
9	a Twilight ends	20	10	2	1	28	12	17	9 not Thun
0	B Low Sunday.	21	23	0	2	3	12	18	7 der.
1	c 8 h. 47 min.	22	6	20	2	32	13	20	6 A finish
2	d Good Clocks	23	20	8	2	55	14	21	5 Air.
3	e and Watches	24	4	23	3	14	14	22	D
4	f equal the 15th	25	19	3	3	34	15	23	5
5	g Day.	26	4	10	3	56	16	25	6 Δ ♀ ♂
6	a Alexander	27	19	28	☾	sets	16	26	6 ☾ Pe'ig.
7	B 2 Sun. aft. East.	28	4	43	8	22	17	27	7 * ☉ ♀
8	c the great	29	19	56	9	47	18	28	7 ☐ ♀ ☿
9	d poisoned 323	☿	4	41	11	4	18	29	8 I look for
0	e Years before	1	19	5	Morn.		19	7	8 some Rain
1	f the Birth of	2	2	51	0	2	20	2	9 not three
2	g Christ.	3	16	17	0	50	20	3	10 Days from
3	a St. George.	4	29	14	1	2	21	4	10 this Time
4	B 3 Sun. aft. East.	5	11	50	1	52	22	5	10 Weather
5	c St. Mark.	6	24	6	2	2	23	7	11 very well
6	d Days 14 hours	7	6	15	2	30	23	8	11 but it will
7	e 32 minutes.	8	18	12	2	42	24	9	11 not please
8	f Twilight ends	9	0	10	2	55	25	10	12 some.
9	g 9 h. 37 min.	10	11	55	3	7	26	11	12 ☉ ☿ ☿
0	a	11	23	50	3	21	26	13	13 ☾ Apog.



Great God!

To whom poor Mortals pray, I thee implore

To hear the Cry of the distressed Poor;

Thou that canst curb the Wills of Men from Vice,

Check now the Hand of knavish Avarice;

Let *Africa* regain her ancient Seat,

That the Poor may have sufficient Bread to eat.

1	rise		sets	
	h.	m.	h.	m.
1				
2				
3				
4				
5	5	28	6	32
6				
7				
8				
9				
10	5	16	6	44
11				
12				
13				
14				
15				
16	5	4	6	56
17				
18				
19				
20	4	56	7	4
21				
22				
23				
24				
25	4	48	7	12
26				
27				
28				
29				
30	4	41	7	19

## OBSERVATIONS.

This last Grievance, I may conclude, will be suppressed when the others are: We may complain and mourn in the Bitterness of Soul to small purpose: No Genius or Art will surely inform us when, or by what Instruments we shall be freed from the sore Oppression that has long reigned, whilst our Laws remain unexecuted. A Man that robs, for taking a Shilling or two is often hanged: But what are those done with, that deprive millions of that by which Life must subsist? why, only connived at hitherto. *O temporal! O mores! fiat justitia.* To whom shall we have Recourse to remove our Scarcity brought on by native Enemies? Why, we must seek to God, who alone can work Miracles, and turn the Wills of the Wicked, and baffle their worst Designs; and pray with the Service of the Church, "To whom shall we seek for Succour but to thee, O Lord, &c. for vain is the Help of Man." Should I commit all I have to say on this Subject to Writing, it would take more than all these Sheets: So I shall wave it now, as it is a melancholy Subject to read, much more so to them that daily feel this unheard-of Evil, of our home-bred Locusts. Readers, I have here given you some brief Account of the Calamity and Complaints concerning the Want of Provision, and the prime Cause thereof: But we have

# MAY hath xxxi Days.

Full Moon 1st Day, 12 h. 30 m. night.  
 Last Quarter 9th Day, 6 h. evening.  
 New Moon 16th Day, at 8 h. 4 m. morn.  
 First Quarter 23d Day, at noon.  
 Full Moon 31st Day, 3 h. past noon.

M	h	Y
D	☾	☽
1	1	15
8	2	14
16	2	14
24	3	13

Suppose they do; I'm more than made amends,  
 If please E. B. and eight or nine more Friends.

w	Remarkable Days, &c.	☉	☾	m	☾	rises	♂	♀	Mut. Aspects and Weather.
D		☽	d.	m.	h.	m.	☾	☾	
1 B	4 S. alt. East.	12	5	50	☾	rises	27	14	13 S. Ph. & Jac
2 c		12	17	40	8	41	28	15	15 ♂ ♀ ♀
3 d	Invent. Cross.	13	29	50	9	47	29	16	16 Some Wind,
4 e	Day increased	14	12	4	3	10	50	29	17 18 and likely
5 f	7 h. and 20 m.	15	24	30	11	36	30	19	19 Wet too.
6 g	Twilight ends	16	6	56	Morn.	☾	20	21	
7 a	10 h. 14 m.	17	19	50	0	15	1	21	22 Δ ♀ ♂
8 B	Rogat. Sund.	18	2	43	0	39	2	22	24 Weather fine,
9 c	Day break at	19	16	2	1	3	3	23	25 not held
0 d	1 h. and 30 m.	20	29	44	1	24	3	24	27 long.
1 e		21	10	47	1	40	4	26	28
2 f	Holy Thursd.	22	28	15	1	55	5	27	30 O. May-day
3 g		23	13	0	2	10	5	28	0 * ♀
4 a	The 15th the	24	28	2	2	32	6	30	2 ♀ Perig.
5 B	6 S. af. Easter	25	13	8	3	0	7	0	3 Some Rain
6 c	true Time of	26	28	7	☾	sets	7	2	5 * ♂ ♀
7 d	our Saviour's	27	12	50	9	57	8	3	7 * ♀
8 e	Ascension.	28	27	15	10	48	9	4	9 now about.
9 f	Q. Char. bo.	29	11	11	11	34	10	6	10
0 g	No Night, but	30	24	38	11	58	10	7	12
1 a	all Twilight.	☾	7	40	Morn.	11	8	14	Somewhat
2 B	Whitunday.	2	20	19	0	17	12	9	16 better than
3 c	Monday.	3	2	40	0	34	12	11	18 last Week.
4 d	Tuesday.	4	14	48	0	52	13	12	20
5 e	Exeter Week	5	26	46	1	2	14	13	22 * ☉ ♀
6 f	Broomham	6	8	40	1	16	15	14	24
7 g	Fair.	7	20	30	1	28	15	15	26 ♀ Apog.
8 a	Day 16h. 25m.	8	2	27	1	45	16	16	28 Expect some
9 B	Trinity Sund.	9	14	27	2	5	17	17	29 K. C. II. rest
0 c	Sun due East	9	26	37	2	31	17	18	☾ Rain about
1 d	7 12 morn.	10	8	50	☾	rises	18	19	3 this Time.

The Spring's now glorious, as it us'd to be,  
 In most Things else a sad Degen'racy;  
 Old Time of late has shewn a scurvy Face,  
 The Poor want Food, their Enemies want Grace,  
 In Physick Quacks have Toleration Leave,  
 Religious Quacks we weekly do receive;  
 One marr the Body, t'other Souls deceive. }

M D	☉ rise		☉ sets		O B S E R V A T I O N S.
	h.	m.	h.	m.	
1					still other Evils not inferior to those I hav treated on, but rather superior, and hav greater Reason to mourn, where is the Man or who is he that exclaims at, or condole our Loss or Want of Religion or Piety?
2					
3					
4	4	35	7	25	
5					
6					
7					Where is the Man that now-a-days ex claims The Want of Virtue, or of Sin that reigns?
8					
9	4	26	7	34	
10					To a Man that has but a moderate Share of Morality, or will apply his Thought seriously to reflect on the great Degeneracy o the present Age, and the continual Decay o Piety, it is mournful to observe, among the rest, what small Regard is taken of late o the Sabbath by High and Low: the greater Number of the meaner Sort shew but little more Respect to the Sabbath than a Hottentot; they spend the Day in Eating, Drinking, Idleness, and Sleep; and some sneak to Ale- houses. Some Females frequent the Church, if their Attire is compleat: (But seldom after Marriage.) The Rich, a great Part, choose Sunday for a Day to travel on; or, which is worse, seek out for some Diverſion or other. or at best spend the Day in impertinent Visits. Children and Servants are tolerated to waste the Day in Idleness or Play, seldom or ever reproved or threatened by any in Power, Ec- clesiastical or Civil; but few Parents or Mas- ters
11					
12					
13					
14					
15					
16	4	15	7	45	
17					
18					
19					
20					
21					
22					
23					
24					
25	4	47	7	56	
26					
27					
28					
29					
30	3	50	8	10	
31					

# JUNE hath xxx Days.

Last Quarter 7th Day, 12 h. 30 m. midnight.

New Moon 14th Day, 4 h. 24 m. afternoon.

First Quarter 22d Day, at 4 morn.

Full Moon 30th Day, at 3 h. 45 m. morn.

M	h	x
D	2	2
1	4	12
8	5	D
16	6	13
24	7	13

Must I throw by my Pen, and be Tongue-ty'd,  
'Cause some conceited Fops will me deride?

M	W	Remarkable	☉	☾	☿	♊	♋	♌	♍	♎	♏	Mut. Aspects
D	D	Days, &c.	Π	d.	m.	h.	m.	h.	m.	h.	m.	and Weather.
1	e	Days increased	11	21	24	9	30	19	21	8		
2	f	Corpus Christ.	12	3	54	10	11	19	23	10		Dry Wind
3	g	8 h. 31 m.	13	16	40	10	44	20	24	12		and pretty
4	a	K. Geo. III. b.	14	29	50	11	9	21	25	14	♂ ☉ ♀	
5	B	1 S. aft. Trin.	15	10	0	11	30	22	26	16		fine.
6	c	Sun due East	16	26	30	11	47	22	28	18		
7	d	7 h. 18 m. mo.	17	10	10	Morn.		23	29	21		
8	e	Watches near	18	24	16	0	2	24	11	21		
9	f	equal with ☉.	19	8	31	0	21	24	12	25		
10	g	Prs. Amelia b.	20	22	56	0	38	25	2	27		
11	a	St. Barnabas.	21	7	32	1	0	26	4	29	☾ Perig.	
12	B	2 S. aft. Trin.	22	22	12	1	33	26	5	30	* ♀	
13	c	Clocks and	23	6	11	2	15	27	6	3	Some Storms,	
14	d	Sun are equal.	24	21	17	☾ sets		28	7	5	♂ ♀	
15	e	Jesus came to	25	5	25	9	16	28	9	7	if not Thun-	
16	f	the Feast of	26	19	0	9	52	29	10	9	der.	
17	g	Pentecost.	27	2	40	10	20	30	11	11		
18	a		28	15	40	10	39	1	12	13	☐ ♀	
19	B	3 S. aft. Trin.	29	28	20	10	53	1	13	15	A fine Wind.	
20	c	William Lilly	30	10	49	11	8	2	15	17		
21	d	Longest Day.	31	23	0	11	24	3	16	19		
22	e	died.	1	5	2	11	35	3	17	20		
23	f		2	16	54	11	53	4	18	22		
24	g	St. John Bapt.	3	28	45	Morn.		4	19	23	Weather of	
25	a		4	10	45	0	6	5	21	24	various Sorts,	
26	B	4 S. aft. Trin.	5	22	47	0	30	6	22	26	☐ ☉ ♂ ☾ A.	
27	c		6	5	2	1	2	6	23	27	bad mostly.	
28	d	Sun due East	7	17	29	1	42	7	24	29	♂ ☉ ♀	
29	e	St. Pet. & Paul	8	0	12	2	35	8	25	31	☐ ♀ ♂	
30	f	15 m. past 7.	9	13	7	☾ rises		8	27	2		

SEASON.

June, 1768.

With both these Pests our Land is found accus'd,  
 And 'tis not easy to know which is worst;  
 Should a Man to Heresy or Schism assent,  
 He may in Time reform, at length repent;  
 If by Quack-Doctors our Exit is made,  
 There's no Return from the eternal Shade.

— — — — \* *Facilis descensus Avernus:*

*Sed revocare gradum, superasque evadere ad auras,*

*Hoc opus, hic labor est.* —

Virg. *Æn.*

M	☉ rise		☉ sets	
	D	h. m.	h. m.	
1				
2				
3				
4	3	58	8	2
5				
6				
7				
8				
9				
10	3	52	8	8
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21	3	47	8	13
22				
23				
24				
25				
26				
27				
28				
29				
30	3	51	3	5

## OBSERVATIONS.

ters give themselves any Concern about it. This, among other Vices of Omission, has brought our Religion, which is the purest of any in the World, into a low Esteem, and to be upbraided by the Sectarists; not only so, but has paved the Way for fresh Heresy and Schism to start up rampant amongst us, by pretending to Inspiration; but with what viz. with spiritual Pride: But would they produce one Miracle to confirm or be a Proof of their Inspiration, which is absolutely necessary toward the setting up new Forms of Doctrine, then I say I would give some Credence to what they teach, not else. But to conclude; though I might draw the above Subject to an extensive Length, yet I shall add but a Word or two more concerning the above-named Vice: No Wonder the Sabbath is so much neglected by Children, when those who stood Sponsors for them at their Baptism, who were then exhorted, and in some Sort enjoined to call on such to hear Sermons, to learn the Catechism, &c. almost totally neglect their Duty: What will be the End of this *infelicitas*? We may connive at one another's Failures or Neglects, but the Almighty, whose Eyes are in every Place, will not connive at it. Much more might be said on the profaning the Lord's Day: For where Prayer is omitted, the Spirit of Religion



Gay *Phœbus* now his utmost Heat extends,  
Which much the vegetable Tribe befriends;  
But Herbs, that old Physicians always priz'd,  
Are by the Moderns utterly despis'd;  
Such Medicasters like Mushrooms upstart,  
Assume the Title, but reject the Art.

M. D. n. m. h. m.  
D. n. m. h. m.

## OBSERVATIONS.

1		8	8	is lost, and a great Frigidness found to a
2	3	52		divine Ordinances.
3				As I have just been complaining of some
4				Vices that now abound, I and many others
5				have observed, that whenever Religion has
6				been at a low Ebb and Decline, Arts in
7				great Measure have suffered the same Fate
8	3	56	8	For Religion has been found a great Assistant
9			4	and Support to Learning, and all laudable
10				Arts at all Times. This Observation is now
11				conspicuous concerning the Science of Physick
12				which now-a-days is very much overrun with
13				Errors, and Neglect of its Elements, which
14	4	8	8	it ought to consist of, which has been collected
15				ing for Ages with so much Learning and Care
16				Let a Man of Learning and Judgment inspect
17				and duly consider what the Principles of Physick
18				are, that were laid down and enjoined by
19				the two great Parents of that Art, <i>Hippocrates</i>
20				and <i>Galen</i> ; or peruse well what <i>Platerus</i>
21	4	7	7	<i>Sennertus</i> , <i>Fernelius</i> , or the great <i>Boerhaave</i>
22			53	and twenty more that I might insist on or
23				more modern Authors, as the learned Dr.
24				<i>Sydenham</i> , <i>Salmon</i> , or the late Dr. <i>Mead</i>
25	4	13	7	wrote: Let any observe how precise they
26			47	were in their Precepts; how laborious and
27				circumspect in their Observations; and how
28				figacious and penetrating into the Laws of
29	4	19	7	Nature, touching the animal Fabric: And
30			41	now all this laborious Structure of their Work
31				

# AUGUST hath xxxi Days.

Last Quarter 5th Day, 9 h. 30 min. more  
 New Moon 12th Day, 1 h. 15 m. past noon.  
 First Quarter 20th Day, 2 h. 10 m. afternoon.  
 Full Moon 27th Day, at midnight

One dam'd my Works, as often me he curs'd;  
 Then swell'd with Envy, and at length he burst.

M	W	Remarkable Days, &c.	☉	☽	☿	♂	♀	♂	♀	Mor. Affec. and Weather
D	D		Ω	d.	m	h.	m.	Y	Ω	
1	e	Lammas Day	10	17	3	8	28	27	6	20 Weather
2	d		11	1	12	8	46	27	7	20 pleasant,
3	e		12	16	25	9	4	28	8	19 which will
4	f	Jesus preached	12	0	40	9	29	28	10	10 please most
5	g	in Galilee.	13	14	48	10	4	29	11	18 2 Perig.
6	a	7 Stars south	14	28	50	10	44	29	12	18 * 1 ♀
7	B	to S. of Trio	15	12	40	11	27	30	13	17 Men.
8	c	at 8 at night.	16	26	30	Morn.	8	15	17	18 ☉ ☽
9	d		17	10	7	0	42	1	18	18 ☽ ♀
10	e	St. Laurence.	18	23	21	1	56	2	1	19 ☉ ♀
11	f	Pto. Bruns. b.	19	0	30	3	17	2	18	19 * 1 ♀
12	g	Pr. Wales bo.	20	19	27	3 sets	2	20	1	19 Old lammas
13	a		21	2	7	7	16	2	21	14 Day.
14	B	to S. of Trio	22	14	37	7	32	3	2	14
15	c	Days 14 h.	23	26	50	7	47	3	23	15 Some Rain
16	d	Pr. Frail. b.	24	1	8	0	4	4	24	16 more about
17	e	and 45 min.	25	21	0	8	20	4	26	13
18	f	Jesus worked	26	1	10	8	17	5	27	
19	g	Miracles in	27	1	14	9				
20	a	Galilee.	28	1	2	9				
21	B	to S. of Trio	29	1	1	9				
22	c		30	1	1	9				
23	d		31	1	1	9				



This Month brings Joy mostly to the Farmer,  
Who from his Fields soon will fill his Garner;  
Let such remember what good *Moses* penn'd,  
The scatter'd Ears unto the Poor to lend;  
And of the Payment never be in doubt,  
'Twill trebly be restor'd before the Year is out.

1	⊙	rise	⊙	sets
2	h.	m.	h.	m.

### OBSERVATIONS.

is, by many that practise Physick; grown quite obsolete, thrown away and rejected, and accounted as a Jumble of Impertinences, and the Authors looked on as old Dotards by some. Take Notice I do not affirm this of all Practitioners in Physick; for some I doubt not do believe and act the contrary: But many I know of late do deviate, and some act diametrically opposite to the Principles laid down by the afore-named, and have turned the Mystery of Physick into a mere Fashion, or at best into a silly Imitation; what some of them foolishly term Experience: But where-ever there is not a just adequate Reasoning drawn from mechanic Principles and manifest Premisses, all Experience is deceivable, and will be found no more than

ous Opinions. But, as I have remarked  
Epistle, Precept in Books and Botany  
no Esteem for Herbs, that have  
n, or at least to be the Pl-  
Tools to or to perf  
th, and did aside  
n, much helped. it  
Why C. by Ch  
collected ons by Quon  
Me Doctor Death  
the d not be under-  
a P to observe every  
P by the ancient  
practicians;

# SEPTEMBER hath xxx Days.

Last Quarter 3d Day, 3 h 15 m. past noon.

New Moon 11th Day, at 3 morn.

First Quarter 19th Day, at 7 h. 30 m. morn.

Full Moon 26th Day, at 9 morn.

11	h	14
D	15	22
8	16	23
16	17	24
24	18	25

From him I suffer'd much invidious Wrong,  
Was made to father once his impious Song.

M	W	Remarkable Days, &c.	☉	☽	♂	rise	♂	♀	Mut. Aspects and Weather.
D	D		d.	m	h.	m	h.	h.	
1	f	Watches near	9	11	15	8 A	7	10	14 ☽ Perig.
2	g	London burnt	10	25	37	8	49	10	16 ☽ ☉ ♂
3	a	(1666, O. S.	11	9	45	9	47	11	17 2- Weather
4	B	4 S. af. Trin.	12	23	20	10	37	11	18 29 agreeable for
5	c	right with ☉.	13	6	50	11	27	11	9 12 the Season.
6	d		14	20	7	Morn.	11	21	2
7	e	Dog-days end	15	3	4	1	7	12	22 4
8	f	Nat. B. V. M.	16	15	50	2	20	12	24 6 * ☉ ♀
9	g		17	28	26	3	38	12	23 7
10	a	Twilight ends	18	10	52	4	48	13	25 9
11	B	5 S. af. Trin.	19	23	9	5 sets	13	27	11 11 Δ ♂ ♀
12	c	28 min. past 8.	20	5	18	6 A	15	13	28 14
13	d		21	17	19	6	25	13	2- 16 * ♀ ♀
14	e	Holy Rood D	22	29	14	6	46	14	2- 18
15	f	Noll. Crom-	23	1	7	7	10	14	2 19 Some Rain
16	g	well went off.	24	22	51	7	39	14	3 21 near this
17	a	Day break at	25	4	45	8	19	14	4 23 ☽ Apog.
18	B	6 S. af. Trin.	26	16	45	9	7	14	6 25 Time.
19	c	3 h. 21 min.	27	28	54	10	5	14	7 25 ☉ ☉
20	d	Equal D. & N.	28	11	28	11	13	14	8 28 Dry Winds.
21	e	St. Mathew.	29	24	21	Morn.	1	9	2- 29 Ember Week
22	f	K. Geo. III. c.	30	7	40	0	31	8	10 2 Fine for the
23	g	About this	21	30	2	1	14	12	4 4 Season.
24	a	Time the Jews	2	5	50	3	30	14	13 6 Windy, 1
25	B	7 S. af. Trin.	3	20	32	4	43	14	14 8 think.
26	c	laid in wait to	4	5	35	5 rise	14	15	9
27	d	kill St. Paul	5	20	45	5	49	14	17 11
28	e	Day decr. 4 h	6	5	51	6	17	14	18 13 Some storms.
29	f	St. Michael	7	20	52	6	55	14	19 15 Prs. Royal b.
30	g	20 min.	8	5	30	7	42	14	20 17 ☽ Perig.

Now to Physicians some have great Recourse,  
From their Diseases to get a Divorce;  
Others that have an Affluence of Wealth,  
To gain their Pleasure yearly barter Health;  
For such as these in vain a Bill to write,  
As try to wash an *Æthiopian* white.

	rise		sets	
	i.	m.	h.	m.
1				
2				
3				
4				
5	5	22	6	38
6				
7				
8				
9				
10	5	3	6	26
11				
12				
13				
14				
15	5	42	6	18
16				
17				
18				
19				
20	5	5	5	6
21				
22				
23				
24				
25	6	12		48
26				
27				
28				
29				
30				

OBSERVATIONS.

Physicians; for sometimes there may happen such Phenomena in Nature that require newer Methods to find them out, and to proceed in the Way of Cure. What I have so exclaimed at, is that total Neglect and Contempt of all Rudiments of the Art of Healing left by the learned Ancients. He that would frame to himself a tolerable Hypothesis in Physick, must get himself well acquainted with the Philosophy of the Frame and Structure of the human Body, and fully learn the Nature, Powers, and Properties of the Fluids and Solids, how they correspond and act, and the Variety of Ways they may be interrupted, or hindered in performing their Offices; also to understand the inherent Properties of all Things used in Medicine, together with a well grounded Experience and good Observations, both by Reading, and by a Memory of what he has observed with much Labour and due Application of Mind; and when he has done all this and more, he may get to the End of his Days before he attain to a Perfection in Physick. From these few Hints penned down, you may readily understand the indispensable Necessity of reading Books, searching into Antiquity, and scrutinizing the Writings of the greatest and most learned physical Authors, which is now much con-  
temned:

# OCTOBER hath xxxi Days.

Latt Quarter 2d Day, at midnight.

New Moon 10th Day, 7 h. 45 min. night.

First Quarter 18th Day, at 11 h. 15 m. night.

Full Moon 26th Day, 6 h. morn.

M	h	y
D	h	y
1	18	23
8	19	23
16	19	24
24	18	25

Being full of Malice, void of all Remorse,

Another Time made S——s cry my Horse. \*

\* Which was never lost.

M	W	Remarkable	☉	☽	☿	♂	♀	♀	Mut. Aspects
D	D	Days, &c.	d.	m.	h.	m.	h.	m.	and Weather.
1	a		9	19	41	8	45	14	22 18
2	B	18 S. af. Trin.	10	3	32	9	50	14	23 20 Weather
3	c	Day break	11	16	54	11	14	14	24 21 agreeable
4	d	4 h. 20 m.	12	0	5	Morn.	13	26 23	enough.
5	e	Seven Stars rise	13	12	51	0	23	13	27 24
6	f	6 h. 20 m. Ev.	14	25	25	1	35	13	28 26 Rain and
7	g	Sun due East	15	7	44	2	46	12	29 27 ♂ ♀ ♀
8	a	5 h. 44 m. mo.	16	19	54	3	58	12	30 28 stormy Wind.
9	B	19 S. af. Trin.	17	2	0	5	9	11	2 29 ♂ ♀ ♀
10	c	Old Mich. D.	18	14	3	☿ sets	11	3 30 ☽ Apog.	
11	d	At this Time,	19	25	55	5 A	4	10	4 2 Badish Wea-
12	e	1656, the	20	7	50	5	20	10	5 4 ☐ ☉ h
13	f	Thames ebb'd	21	19	40	5	52	10	7 6 ther.
14	g	and flow'd	22	1	30	6	18	9	8 7 ♂ ♂ ♀
15	a	twice in 3 h.	23	13	22	7	13	9	9 9
16	B	20 S. af. Trin.	24	25	21	8	9	8	10 10 ♂ ♀ ♀
17			25	7	33	9	11	8	12 12
18	i	St. Luke.	26	20	0	10	23	7	13 13 This Month
19		Day short 6 h.	27	2	5	11	38	6	14 15 wet often.
20		20 m.	28	16	0	Morn.	0	15 17	♂ ♀ ♀
21		Devizes Green	29	29	42	1	2	5	17 19
22		Fair.	30	13	54	2	22	5	18 20 Δ h ♀
23		21 S. af. Trin.	31	28	36	3	45	5	19 21 Δ h ♀
24		St. Crispin 25	2	13	40	5	15	4	20 22
25		K. G. III. In.	3	28	52	☽ rises	4	22 23	Warm, but
26		K. G. III. pr.	4	14	19	4	5	4	23 24 ♂ ☉ ♀
27		The Villain	5	29	30	5	38	3	24 26 ☽ Perig.
28		S. Sim. & Jude	6	14	2	6	3	3	25 27 perhaps Rain
29		Bradshaw dice	7	23	50	7	45	3	26 28 if not Thun-
30		2 S. af. Trin.	8	12	5	8	5	2	27 30 der.
31		31st.	9	26	52	0	13	1	28 31

SEASON.

October, 1768.

Some Men there be who think no greater Bliss,  
 Than to feast, and drink, to laugh, carouse, and kiss;  
 Their Souls immers'd in sensual Appetite,  
 In Wisdom's Road can find no real Delight:  
 They're Men 'tis true, but 'tis the Beasts they ape,  
 And differ from them but in Speech and Shape.

M	☉	rife	☉	sets
D	h.	m.	h.	m.
1	6	14	5	46
2				
3				
4				
5				
6	6	26	5	34
7				
8				
9				
10				
11				
12	6	38	5	22
13				
14				
15				
16	6	42	5	18
17				
18				
19				
20				
21				
22				
23				
24	6	55	5	5
25				
26				
27				
28				
29				
30				
31				

## OBSERVATIONS.

temned: Where is there a *Cranium* or Brain that can contain all that a Physician ought to know, in order to qualify himself for Practice? Neither *Claudius* nor *Tully* could ever retain scarce half of it; such as the Nature, Causes, Times, Tendencies, Symptoms, Diagnosticks and Prognosticks of all Diseases; with the Indications of Cure, and the Rules and Errors of the Non-naturals. These Particulars are too weighty for many Practitioners Heads of late, who have too much Levity, and too little Time to spare from their Pleasures, to mind the copious Extent of all that Learning which ought to be in a good Physician.

What I shall comment on next is relating to one of my last Year's Queries, whose Answer was that golden Apophthegm, *Nosce teipsum*, Know thyself. Some People may conceit it is no such an abstruse Matter to attain the Knowledge of one's self; but I can assure them the learned *Greeks* thought far otherwise: For the more a judicious Person contemplates about it, the more difficult he will find the Task: For if we make a Scrutiny or Enquiry into our Bodies, after our utmost Search, with all the Assistance of Art we can meet with, we can know but a small Part to what we are ignorant of; and what we learn of our Bodies is very imperfect and much deceivable. As to our Origin, we know

# NOVEMBER hath xxx Days.

Last Quarter 1st Day, 10 min. past noon.

New Moon 9th Day, 2h. aftern.

First Quarter 17th Day, at 4om. past noon.

Full Moon 24th Day, at 4 morn.

M	h	v
E	s	m
1	19	
8	18	
16	18	
24	18	

And worse Spite I felt from him beside,  
Which I forgive, and at this Time do hide.

M	W	Remarkable	☉	☽	☿	♂	♀	Mut. Aspects
D	D	Days, &c.	h	m	h	m	h	and Weather.
1	d	All Saints.	0	9	30	11	28	2
2	e	All Souls.	11	22	21	Morn.	2	2
3	f	Watches too	12	4	44	0	43	1
4	g	slow 20 min.	13	17	5	1	55	1
5	a	Powder Plot.	14	29	6	3	2	1
6	B	23 S. af. Trin.	15	11	4	4	12	0
7	c	D. of Cumb. b.	16	22	52	5	20	0
8	d	Day about 9 h.	17	4	45	6	30	7
9	e	Day decreased	18	16	30	☽ sets	30	10
10	f	7 h. 38 m.	19	28	30	4 A	28	29
11	g	St. Martin.	20	10	25	5	10	29
12	a		21	22	21	6	1	29
13	B	24 S. af. Trin.	22	4	34	7	2	29
14	c		23	16	48	8	8	28
15	d		24	29	16	9	18	28
16	e		25	12	8	10	36	28
17	f	Day break at	26	25	20	11	48	28
18	g	36 m. past 5.	27	8	50	Morn.	28	21
19	a	7 Stars south	28	22	47	1	21	28
20	B	25 S. af. Trin.	29	7	12	2	44	28
21	c	11 h. 55 m.	30	22	0	4	8	28
22	d	St. Cecilia.	1	7	10	5	34	28
23	e		2	22	20	6	59	28
24	f		3	7	30	☽ rises	28	29
25	g	D. Glouc. b.	4	22	27	5	16	28
26	a		5	7	7	6	30	27
27	B	Advent Sund.	6	21	21	7	47	27
28	c		7	4	50	9	7	27
29	d		8	18	18	10	20	27
30	e	St. Andrew. Pres. D. of Wales bo.	9	18	18	10	20	27

Pretty fine.

♂ ♀ ♀

Expect a

☽ Apog.

☿ ☽ ☽

little coldish

Rain about

the Change

of the Moon,

perhaps bad

Storms.

Weather

seasonable.

A little Rain.

☿ ☽ ♀ ☽ ☽

S. Catherine.

Now dry.

Some Rain

within a Day

or two.

SEASON.

November, 1768.

Our Friend the Sun to us contracts his Race,  
 Now Light and Heat is growing faint and scarce:  
 Warm Fires, a Friend, and a good Wife, these three  
 Will make Life's Wheel move smoothly on with Glee:  
 But of these Comforts he that has but one,  
 His Life like slow-pac'd *Saturn* moveth on.

M ☉ rise ☉ sets  
 D h. m. h. m.

## OBSERVATIONS.

1					know it only by Tradition, whether the
2					Animalcula we sprang from were a Worm or
3					a Tadpole. The like ignorant we are how
4	7	16	4	44	the Fœtus lived in the Womb, (the Life of a
5					Plant;) and how it gradually increased, is
6					too wonderful for us to know. We must be
7					forced to imitate the Psalmist, and cry out,
8					We were fearfully and wonderfully made.
9					We know we have five Senses, from which
10	7	26	4	34	we form our Ideas of Knowledge and Percep-
11					tion, and in Time learn thence how to make
12					Reflections: Our Senses have each of them
13					their deputed Nerves, or small Pipes wrapp'd
14					in the <i>Dura</i> and <i>Pia Mater</i> , which have their
15					Rise from the medullary Substance of the
16	7	3	4	22	Brain: We know nothing how these Nerves
17					act or perform their Offices. In our Bodies
18					are found 446 Muscles, made to give Mo-
19					tion to the several Parts; but we know not
20					how that Motion is performed: It is not
21					sufficient to say it is done by the Will: Mr.
22	7	45	4	15	<i>Locke</i> saith voluntary Motion is not to be ex-
23					plained, nor involuntary but very obscurely.
24					The Spring of Air is to our Bodies as the
25					Spring of a Watch to the Motion of the
26					Wheels, and every Inch of our Bodies sustains a
27					Pressure of 15 Pounds of Air, and the whole
28					Body generally bears a Weight of 33684 Pounds
29					of Air: And yet we are no Way oppress'd with
30	7	57	4	3	this

# DECEMBER hath xxxi Days.

Last Quarter 11<sup>th</sup> Day, 4 h. 10 min. morn.

New Moon 9<sup>th</sup> Day, at 9 morn.

Firſt Quarter 16<sup>th</sup> Day, 11 h. 20 m. night.

Full Moon 23<sup>d</sup> Day, 3 h. 10 m. paſt noon.

Last Quarter 30<sup>th</sup> Day, 11 h. 10 m. night.

M	h	v
D	h	m
1	18	11
6	17	12
16	17	14
24	16	15

Others have ſince eſſay'd t' eclipse my Fame,  
In doing which more brighter it became.

W	Remarkable	☉	☽	☿	♂	♀	♀	Mut. Aspects
D.	Days, &c.	h	d.	m.	h.	m.	h	and Weather.
1	f St. Barbara	10	13	32	Morn.	27	7	27 ♂ ♂ ♀
2	g Twilight ends	11	25	50	0	39	26	9 27 Expect a
3	a 5 h. 6 m. morn.	12	7	52	1	56	26	10 26 little cool
4	B 2 S. in Advent	13	19	54	3	5	26	11 26 Rain.
5	c Watches too	14	1	45	4	12	26	12 D * ♀ ♀
6	d flow 9 min.	15	13	31	5	20	D	13 26
7	e St. Nicholas.	16	25	25	6	26	26	15 27 ☽ Apog.
8	f	17	7	25	7	28	26	16 28 Broomham
9	g Seven Stars	18	19	26	☽ ſets	27	17	29 ♀ h ♀
10	a outh 10 h.	19	1	36	4 A	47	27	18 † Feaſt; but
11	B 3 S. in Advent	20	13	54	5	54	28	20 onow over.
12	c 28 m. Night.	21	26	39	7	4	29	21 1 Rain or
13	d Lucy V. & M.	22	9	19	8	21	29	22 2 Snow.
14	e Now about	23	22	10	9	36	II	23 3 Ember Week
15	f died Sir Roger	24	5	20	10	54	1	25 4 Coldiſh Air.
16	g L'Eſtrange,	25	18	57	Morn.	2	26	5 Much Froſt.
17	a 1704, aged 88.	26	2	47	0	15	2	27 5
18	B 4 S. in Advent	27	16	54	1	36	3	28 6 Froſt con-
19	c Day 7 h. 34 m.	28	1	22	3	0	3	29 7 tinues.
20	d The Earth in	29	16	9	4	20	4	☾ 7 ☽ Perig.
21	e Shorteſt Day	☿	0	52	5	38	5	2 8 Fine Wea-
22	f St. Thomas.	1	15	38	6	50	6	3 10 ther, but cold
23	g its Perihelion.	2	0	26	☽ riſes	6	4	11 among all,
24	a	3	14	58	5	7	7	6 13 but eſpecially
25	B Chriſtmas-day	4	29	Ω	7	6	27	8 7 14 Δ ♂ ♀
26	c St. Stephen.	5	12	52	7	45	9	8 10 Δ h ♀
27	d St. John.	6	20	17	9	2	9	9 17 io the Poor.
28	e H. Innocents	7	9	19	10	15	10	11 19
29	f Judas born :—	8	21	58	11	28	10	12 20
30	g better never	9	4	9	Morn.	11	13	22
31	had been	10	16	11	0	41	12	14 23



SEASON.

December, 1768.

The 25th this Year \* I hope to see  
My Parish keep our Tide in Unity; †  
Lay all discording Stupidness aside,  
And in a decent Manner keep the Tide,  
Without or Riot, Wantonness, or Pride; }  
With Grief I write, with Shame some have confest,  
It has been kept much like a Pagans' Feast.  
\* 1767. † We used to keep Old and New Christmas.

M ☉ rise ☉ sets  
D h. m h. m.

OBSERVATIONS.

1				this Air, nor any Way sensible of its Weight :
2				But at different Times we bear a Tun and a
3				half less Air, which an infirm Body will be
4	8	43	56	sensible of. There are numerous Things be-
5				longing to our animal Machine, the Reality
6				of which we take from others, (we know it
7				not perfectly) as the Circulation of the Blood,
8	8	73	53	the glandular Secretions, the Power and Force
9				belonging to the Digesture, and many mystick
10				Particulars beside, of which most Men have
11				but a probable Certainty : But when we come
12	8	93	51	to exert our Knowledge touching the Soul,
13				we meet with nothing but Obscurities, and
14				are left to grapple in the dark : Though a
15				great Author has told us, we have as clear an
16	8	113	49	Idea of spiritual Substances as we have of
17				bodily ones : But we find our Perceptions
18				vastly too finite to comprehend either Body or
19				spiritual Substance. (This Discourse of the
20	8	133	47	Body would require a Book, instead of a Page.)
21				Then, in contemplating on the Soul, how
22				defective our Knowledge is found ; as, how
23				she is infused and united to our Bodies, or
24				what could cement gross Matter to a Thing
25				immaterial ; a Thing more subtle than the
26				Sun-Beams, or the finest ætherial Air, with
27				a Clod of Earth ; and then to set all the
28	8	103	50	Springs, Wheels, and Pullies, and Clock-
29				Work of this animal Machine a moving, and
30				so regularly to direct the animal Spirits each

## SEASON, 1768.

to its particular Office: Or where the Soul resides we have no Certainty; whether in the *Glandula Pinealis*, or is diffused over all Parts, as some assert; or whether there is a Superiority in Souls, we know not, or how the Body and Soul are mutually affected. If the bodily Machine is disordered, it will soon be found to hinder or confound the Operations of the Soul: The same if the Soul be depressed with Grief or any Perturbation, the Body cannot perform its Function, but grows diseased. So we may observe, notwithstanding the Soul's superlative Dignity and mysterious Operations, it is found hindered, interrupted, and weakened in its Power and Office, by Diseases, bad Temperatures of Body, by Debauchery, or any Thing that spoils the Mechanism of the Brain and its Nerves. But this Subject deserves to be treated of vastly more largely: But this is not the full Scope or Design of my last Year's Enquiry, to know one's self: For to know the Materials of our Bodies, and the Qualities and Actions of the Soul, is no Duty, nor are we in any Blame or Error if we remain ignorant of it. The following is a great Part of the Knowledge of ourselves: We ought to exert our whole Power of Perceiving and Understanding, to find the Extent of what we know of ourselves; and thence to learn how little it is we know, to what we ought to know; and to obtain a clear Idea of Wisdom and Folly, so as to embrace the one and reject the other; and to duly consider our Frailties, Dangers, Diseases, and the numerous Accidents we are exposed to every Day and Hour; with the Shortness of Life and Uncertainty of Death, and the numberless Snares and Temptations to Vice we are exposed to from within and without; and what each one or every Man is prone to most, to learn to fortify against it by a rectified Reason and divine Revelation. This is some Part of the Road toward knowing ourselves, though but a small Part.

It is an Observation worthy our Notice, to think what a Blessing we enjoy beyond what Men in some former Ages did, by the new and wonderful Inventions we have; but what I shall take notice of is the Discovery of the Telescopes to assist our Eyes, so that we can peep into those distant Bodies of the Luminaries and the Planets; a Knowledge some Ages ago no one could have the least Hopes of attaining. The same surprising Discoveries are found out by the Microscope, that the greatest Searchers into Nature never dreamed of, or imagined:

The

## SEASON, 1768.

The ingenious Mr. *Leeuwenboeck*, that made such Improvement in these Glasses, found by his Microscope in one Fish, which was a Picket, that in each Portion of its Sperma as big as a Grain of Sand, were found 10,000 small Fishes; from which he maintains, that one of these Fishes in a Year might eject Sperm enough to produce more Fish than there are Men living in the World. By these Glasses we observe there is not a Drop of Water without its Inhabitants, and that of various Kinds, which I have observed: And concerning the human Fabric, Men were much in Darknes and Error before the Microscope was invented. As it concerns the Generation of Man, and all Animals, there is found an Animalcula pre-existent in the Seed of the Male, not in the Female, as was formerly thought. Nay, so minute has the Discovery been, that these Animalcula have been found in a Flea, and are doubtless in smaller Insects. So likewise every Vegetable is found to be Male and Female, and has deputed Tubes for Production of their Species. But among all those Glasses by which such Wonders are performed, the Spectacles ought not to be forgot, which I think was the first Improvement made on Glafs. Had no such Invention been found, what a lamentable Condition would near three Parts of Mankind have been in? Had this useful Discovery lain dormant, what would our most excellent Divines, Lawyers, and Physicians have done? Such as are grown in Years, or have any Defect in their Sight; and Multitudes of Artificers and others, that stand in an indispensable Need of them. A great Part of the Learning and Arts we now enjoy had been very imperfect, and sometimes suffered a Kind of Eclipse or Deliquium; besides the Pleasure found in reading.

Shall Men be canoniz'd for shedding Blood,  
And him less honour'd that has done such Good?  
The Man that found Helps for defective Eyes  
Far more than Princes him we ought to prize;  
His Statue form'd in Brass, his Name in Gold,  
And rest in Bliss which no Tongue can unfold.

## SEASON, 1768.

*Let this inform the Publick,*

**T**HAT there is lately published and exposed to Sale an excellent curious Copper-Plate of all the visible Eclipses, from the Year 1766 to the Year 1800; where you will find an exact Plan of all the visible Eclipses; a Work never brought to that precise Perfection in this Nation before. Inscribed to *John Earl Spencer*, by the ingenious *Thomas Harris*, and the learned Mathematician *Isaac Tarret*, at *Epsum*; and sold by Mr. *Davenhill*, in *Leadenhall-Street*; and Mr. *Pridden*, in *Fleet-Street*; and Mess. *Rollinson*, *Peal*, and *White*; and by Mr. *Ryland*, Printer, in the *Old-Bailey*, *London*.

*Here followeth a short Encomium on the two Authors.*

IF that my Muse could equalize your Skill,  
Some grand Encomium should these Pages fill,  
To extol your Fame, and signalize your Worth,  
For that rare Plan you lately have set forth  
With so much Art, exact the Truth so near,  
A matchless Piece! no Rival you need fear:  
*Endymion's* Courtship that he first begun,  
You have out-rival'd, and his Mistress won:  
Her fickle Wand'rings and uncertain Race  
You've found the Clew, and can her Lab'rinth trace;  
Witness the Plan, by which it nice appears  
When *Luna* gives a Spot, or when a Spot she wears:  
What *Thales* found when in its infant Age,  
You've shewn in Manhood on our *English* Stage;  
The Work you publish'd, which I dare engage  
Will prove the Wonder of this present Age:  
Sit down and rest, for you have won the Bays,  
And Fame's loud Trumpet shall resound your Praise.

---

*Touching the particular ECLIPSES that will happen this Year*  
1768.

**F**IVE Times the two great Luminaries will be found defective in their Light; twice the Sun, and three Times the Moon; the Eclipses of the Sun will be both invisible to us, the Times in their Order are as followeth.

The

# SEASON, 1768.

The first Eclipse of the Sun will be *January* 19, 10 m. before 6 at Night; but as the Sun will be set, cannot be seen here, but will be seen in *North-America*.

The second Eclipse of the Sun will be the 14th of *July*, about 2 o'Clock in the Morning, and will be visible at the Pacifick Ocean.

The Lunar Eclipses from new Tables are as followeth:

The first Eclipse of the Moon will happen *January* 4.

	h.	m.	
Beginning - - - - -	3	18	} in the morn.
Middle - - - - -	4	25	
End at - - - - -	5	33	
Digits - - - - -	4° 50'		

The 2d Eclipse of the Moon will happen *June* 30.

	h.	m.	
Beginning - - - - -	2	6	} in the Morn.
Middle - - - - -	3	53	
End at - - - - -	5	40	
Digits - - - - -	15° 10'		

The Moon sets totally eclipsed 2 m. before the Middle of the Eclipse.

The third Eclipse of the Moon will happen *December* 23.

	h.	m.	s.	
Beginning - - - - -	1	20	0	} at Night.
Middle - - - - -	3	10	56	
End at - - - - -	4	58	0	
Digits - - - - -	20° 30'			

N. B. The Moon rises totally eclipsed about 50 m. past 3 in the Evening.

Reader, You may here observe the Astronomical Production of all the visible Eclipses for 1768, which must be allowed, by all of Judgment, to be a Work that requires much Art, Time, and Labour; and is a Piece of Learning termed the *Punctilis*, or *Acme* of Astronomy. The Discovery of this Phenomenon was first made by *Thales*, near 600 Years before our Saviour came; though it was very deficiently understood for many Ages, till about the last Century, and since it has received much Improvement; but none have attained a greater Perfection in it than the late Mr. *Harris*, and Mr. *Tarret* of *Epsom*; which is demonstrated by their late Plan of Eclipses I mentioned in the foregoing Page. I now hold it impertinent to most of my

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Readers to repeat here how, or what causes an Eclipse, having so largely commented on it in many former Almanacks: So I shall proceed to observe to you, in a Manner somewhat concise, what Effects these Eclipses are most like to produce; though it is a Doctrine embraced by no great Number, and by many upbraid and set at naught; neither is it any Thing strange it should be so, in this Age of Libertinism, where so many have their Intellects eclipsed, some in the Pursuit of Wealth, others in Quest of Pleasure or Honour, &c. that they cannot entertain any Thought of the Signs of the Heavens; but many of them rather scoff at them, and at those that predict the Effect of Eclipses. These Men say Eclipses are all natural Causes, and in a Circle of Years they all return again. It is scarce worth while to reply or answer these Men: I might ask such, whether a Thing, for being natural, has no Effect nor Power? Is not Meat and Drink natural? and doth it not nourish and preserve Life? And Poison is natural to destroy it. These People, who make a Jest of Influences, some of them understand the Mathematicks I own, but are very deficient in natural Philosophy; which is a great, if not the greatest, Part of the Basis from whence the Learning of the Effects of Eclipses is derived; long Experience and good Observations are the only Means to attain a right Judgment of the Events of Eclipses. The Mathematicks may solve Problems, or some Propositions of Things unknown, that relate to or depend on Numbers; but can give no Demonstration of Effects that usually follow Eclipses: That is found only by repeated Observations of Men well versed in this Science, in a long Series of Time. Who is the Man that could ever form any adequate Idea of the innate Properties of any of the Physical Herbs? Or, were he to inspect any of the Simples with a Microscope, he could not learn the several Qualities they have; they are only to be found out by good Observations and Experience. The like is to be understood touching the Signification of Eclipses, Conjunctions, and the several Configurations of the Erraticks in some little Degree. Vastly more might be said touching this Point; but I think here is enough to vindicate the Truth of this Proposition: But for those that will not allow it, they may hug their obstinate Infidelity as long as they please, for me. I should scarce have been so prolix on this Theme, were it not that the

Moon

## S E A S O N, 1768.

Moon is so much nearer than any luminous Body to us, and her Revolution therefore oftener; her Qualities are more conspicuous to our Globe than all the rest, except the Sun. This had I Room, I could demonstrate by thirty or more visible Effects of the Moon, besides her ruling the Night, and raising the Tides. But dropping this of the Moon's Effects in general, I proceed to inquire into the Effects of this Eclipse of Jan. 4. At the Middle Time I find  $\text{M}$  23 deg. 27 min. ascend,  $\text{M}$  21 deg. on the Mid-Heaven; the Eclipse falls in 14 deg. 23 min. of  $\text{S}$  in the 8th House; the  $\text{J}$  eclipsed in her own House. somewhat augments her Pretences. All Authors of Antiquity, of Note, conclude such Eclipse foreshews the Death of the common People, as it is in the 8th, (especially Females) and Hurt to many other Things that are influenced by the Moon; and that the Sea will be full of Piracy, and overflow its Banks, and Women as much as the Sea will grow extreme, and exceed their wonted Power, and seek for Divorces; which if they cannot obtain, they will divorce themselves. One Author (*William Ramsay*) writes, it denotes Trouble and Taxes, but I think they cannot well be more. In short, Women cannot be, and the Seas will be, most passive to the Effects of this Eclipse, which can hold but little more than two Months, and will mostly be found about *Scotland, Holland*, and some Northern Parts, &c.

The 2d visible Eclipse is of the Moon, June 30, which will set totally eclipsed; the Middle Time is found to be 3 h. 53 min. in the Morning, at which Time will be found 8 deg. 47 min. of  $\text{S}$  ascend, and 5 deg. of  $\text{K}$  culminate; the  $\text{J}$  in 8 deg. 36 min. in  $\text{V}$ , going into the 6th House: Besides, there are at the same Time three malignant Aspects,  $\square \odot \text{J}$ ,  $\text{J} \odot \text{H}$ ,  $\square \text{H} \text{J}$ ; it is not often found that an Eclipse has such scurvy Attendance; the Portents of which would require much Time and Room, should I treat of it in its full Latitude of Judgment. I cannot well omit taking notice, as it is consistent with the Precepts of this Art, what a perilous Time it will be, at the Time of this Eclipse, for a Child to come into the World, touching its Life; never, since I knew any of the Stars, did I observe so fatal a Time. This is known to concur with all the learned Judgment and Experience of the most eminent in this Art, that a Child born when the Moon is weak, and affected

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by ♄ and ♀, as she is at this Eclipse, very seldom lives to be weaned. I myself have observed it, and hardly ever knew it fail, even this very Year, in two or three Children near the *Devizes*. So I would wish my Readers would remark it, as there are 8765 Hours in a Year, and near 20000 Children born in a Year in *London*, besides in the Country near three times that Number, doubtless some will be born at the above Time. The Reasons for this Fatality in Infants, as assigned by *Aristotle*, and Numbers more of modern Philosophers and Physicians, are as followeth: When that *Humidum Radicale*, or that fine subtle arterial Fluid belonging to the Body, to carry on the Functions of Life, is altered, or made too thin, or too little by the Moon, which adds or diminisheth Moisture, as she is prevented of her Influence, and affected by the dry Qualities of these two Planets ♄ and ♀, these fine organized Fibres in young Children are found affected for Want of sufficient Moisture to supply the Heat caused by the Motion of the Solids, by which the animal Economy is marred, and Life letteth go her hold. This is much analogous to what commonly concludes the intemperate Dram-Drinker's Life, who consumes this Balsamic Fluid which keeps on the Springs of Life, which by the dry Heat these Spirits give is consumed; so he is wounded in the Liver by *Bacchus's* Dart. *Sed diverticulum in via*: I have wandered strangely from my Subject, for which I beg Forgiveness. I now aim to pen down what, according to Art, may be accounted the Effects of this second Eclipse. I might quote the Judgment of several famous Authors in this Science touching such an Eclipse; as *Ptolemy*, *Proclus*, *Haly*, and *Guido Bonatus*, and others which I have read: But Authors that lived since having the Advantage of former ones, and some modern Observations too, I shall the rather adhere to their Opinions. One of the most skilled in the Judgment on Eclipses in this Kingdom has wrote, that such an Eclipse denotes much Slander and Lies, and very false Aspersions against many of the common People, who will make it a great Part of their Employment to promote it. ♄ near the Asc. in ♈ cum S. shews much Murmuring and Discontent at Men in Power, great Officers, amongst or by the common People. ♃ is a Cardinal Sign, the worst he could meet the Sun in; according to the Principles of this Art, it can have no mean Significac



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Hot and Cold can be no other than discordant; we find it so in the Microcosm, and so we must expect it in the Macrocosm. We shall find much Discord and Diseases three or four Months ensuing; violent Pains in the Head, hot Rheums, and sore Eyes, Pains in the Bowels, &c. Look back on History, and see what happened on such Male Aspects in 1622 and 1650, and the next Time when ♄ was in ☿ Lord of the Eclipse. Many Evils will ensue to *Scotland* and *Holland*; if they will not believe it, they will feel some of it, and *England* too; for ♂ is in ♀ in ☐ to ☉ and ☐ to ☿ too. Expect much Distresses from evil Men. *Perditio ex te Anglia.* Expect Thunder and Storms near the end of *June*.

Take notice, who fall sick, that is, take to their Beds, at the Time of the Eclipse, God may restore them 'tis certain; but if natural Causes take effect, they must do as their Forefathers have done.

I now come to treat on the last Eclipse of the Moon, which will rise totally eclipsed at the Time specified, about 22 deg. of ♀ ascend, and 10 deg. of ☿ found on the Mid-Heaven; the Eclipse is 2 deg. 23 min. in ☿ in the Asc. As far as the Signs of the Heavenly Bodies can prefigure any Thing, this Eclipse indicates no Good to the Poor, but rather the contrary; the weakest do still go to the Wall. The ♀ Lady of the 2d House, being afflicted and going to a ♂ with ♄ near the Ascendant, this, according to Art, must denote Poverty and Affliction to the common People; (which has been found very frequent of late.) The Rich have many Friends, but the Poor is hated of his Neighbour, and often oppressed too. Good Observators write, such an Eclipse as this is followed by much Change in Offices and Places in the Government, and a Disposition to Quarrels or Wars, with much Treachery and Apostacy: That last Vice, I think, has been creeping on amongst us a good while; witness the yearly Increase of new Sects and Schismatics. I might enlarge on several other Mutations typified from this Eclipse, similar to these above-named. I do not write them as Prophecies, but as probable general Predictions: No human Reason can foresee particular Events. Yet, though Eclipses are natural, they seldom if ever fail of being Forerunners of some remarkable Change in the World, as the Learned in all Ages have abundantly observed and testified:

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tified : The same may be said to have followed great Conjunctions and Comets. Whoever will take Pains to consult History may easily learn, that generally whenever the Almighty has designed any impendent Judgment or great Mutation on a Kingdom, some visible Omen of it has been found near the Time in the Heavens, either by Eclipses or some prodigious Appearance. *Plutarch* tells us, that about the Time of *Cæsar's* Death it was dark, with an Eclipse or otherways, almost a Year. The Darkness at our Saviour's Death, though more miraculous, tends to the same Purport as above. After one of the Kings of *Scotland* was privately murdered, it is said the Sun appeared not from the Time he was murdered until he was found, which was six or seven Months. I lately found in a Treatise concerning Prophecy, that in the Year 626, the 5th Year of the Hegira, when *Mabomet* or *Mohammed* was employed in instructing his Followers in his false Doctrine and future *Mischiefs* and Depredations, the Sun was half dark from *October* to *June* : And nearer this Time, we are informed by *Sléidan*, that in 1547 the Sun was four Days obscured to all *Germany*, at which Time many lost their Way in the Day-Time. Many more Instances I could add of the like Prodigies : But these above I think sufficient to prove my Proposition, that as the Heavens declare the Glory of God, so also they do his Judgments to a Nation, for some notorious Wickedness they have committed, or are about to commit. And so I conclude what I intended relating to this Year's Eclipses with the following Scrap of Poetry.

These all th' Eclipses which this Year you'll find ;  
But all the Year some are eclips'd in Mind :  
Such Men o'er whom these Vices do preside,  
As Luxury, vile Lust, and stupid Pride,  
Such blunder on, and always go astray,  
And find no Light, although it be Mid-Day.

*Some Judicials on the four QUARTERS of the Year.*

*First, On the WINTER QUARTER.*

**T**HE Winter Quarter begins, as I have often told you, when the Sun toucheth the Asterism named *Capricorn*, which is found to be *December 21, 1767*, at Midnight, or within

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within a Minute or two; at which Time will be found ☉ deg. coming on upon the Ascendant; ☿ will be found in the same Position on the 10th House; half a Degree can make no Variation in Effects. The ♃ will be found separating from a ☿ ☉, and ☿ ♃, to a \* ♀; the ☉ opposed by that malignant Planet ♃, and ♃ has just passed his ☿: these are near all the Aspects at this Ingress. I cannot procure any Intelligence from the Stars, at this Crisis of the Sun, touching the demolishing of the Pope, or the final End of Papistry; though perhaps some Writer may tell you more of it before *Christmas*. It is my Opinion the Pope's Supremacy has been gradually declining ever since *Martin Luther's* Time, and of late has had a vast Sinking by the Banishment of the *Jesuits*, which Society have continued 233 Years. That there will be a Downfall of *Rome*, nothing is more certain; but I am not of the Mind that its Destiny is to be learnt from the Stars, or to be foretold by the great Conjunctions of ♃ and ♀. How many Mistakes have Prognosticators made already, as I have observed, for a Century past? One predicted its Fall in 1736; and now all such Predictions are considered as vain, insignificant Pretences, which People give no Credit to; (no more than to great Men's Promises, which end in nothing.) I find about 100 Years ago, in 1666, a great Alarm was bruited about of the final Catastrophe of *Rome*, not only by Astrologers, but by learned Expounders of Prophecies; which then seemed to carry a shew of Truth in them: For the *Hebrew* Letters that gave a Name for the *Romish* King, gave an Import of the Number 666; which when it failed, some of the *Romish* Crew retorted it on the *Londoners*, whose City was that Year burnt. About that Time many annual Predictors were too dogmatic of that 1666, what it would produce. Mr. *Partridge*, and one since, have been still fond of the same erroneous Notion. I remember, Sir *Georg Wharton* has a little punned on such unwarrantable Predictions in the following Verses, which were written in the Year 1666 and which being a little varied, I might justly have applied to the above Prediction in 1736.

“ Now sixteen Hundred sixty-six is come,

“ When as the Pope, some say, will meet his Doom:

“ Who is't that thinks that dreadful Day's at hand?

“ I offer seven Years Purchase for his Land:

“

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“ And if his Holiness doth dread his Chair,  
“ I'll take't myself, though 'tis but for a Year.”

Observe further, if there is any Thing to be learnt of the future Event of the Destruction of *Rome*, let us have Recourse to the sure Word of Prophecy in Sacred Writ, to be found in the Revelations. The best Commentators have lately examined, and nicely taken and computed the Number there wrote by *St. John*, concerning the Time and Times and half Time, to be 1260 Days; which Days, in prophetic Writings, always mean Years. So the Period of the Reign of the Antichrist, or *Man of Sin*, was to be 1260 Years. Hence if there was or could be a fixed Certainty of the Year when Popery began, there might be drawn pretty just Conclusions of its final Period or Ruin. But the most unanimous Judgment of the best Interpreters of the Revelations is, that the Fall of that infamous Whore, the Church of *Rome*, will come to pass about the 2000th Year after *Christ*, and many believe *France* will be instrumental toward her Destruction, which it is supposed will be chiefly by Fire; though I guess many leading Evils and Overturns of Calamities will happen to *Rome* long before. I have much dropped my Subject, I own; but I hope may be excused and accepted as agreeable Predictions. I told you no Aspect was found of Note but the ☉ and ☌ in 8 to *Saturn*: No Oppositions can be good, especially with such a mischievous Star as *Saturn*; which, according to Art, indicates much evil Council carried on at this Time; Jarring and Division, and some Disgrace to some great *Scottish* Officer; and much Robbery, and State-Robbery too. ♀ Signifier of the common People, and the ☌ too, one weak, the other afflicted, shews the Poor in Distress; still more Fasting among them, than Prayers used by the Rich. The afore Aspect shews cold moist Weather; it is found an *Aperio Portarum*, with ♄ and the ☉ and ☌; a cold *Christmas* I expect; so cold, that Charity and Honesty will be found like *May Flowers*, not to be seen: Religion I doubt will be found cold too.

Thus Times do change, which naturally they must,  
From bad to bad,—when will they be at worst?

*Touching*

## SEASON, 1768.

### *Touching the SPRING QUARTER :*

**W**HICH initiates *March* 19, 13 h. 42 m. 32 sec. P.M. or the 20th, 1 morn. 42 min. at the Time our Earth rolls into the first Scruple of *Libra*, and 22 deg of ♄ ascend, and 26 of ♀ culminate. At this Ingress are Aspects found good and bad: ♃ Lord of the Asc. in Δ to ♀; old *Saturn* casts a hateful ☐ to the Sun just before the Quarter begins. Most of our old Astrologers lay a great Stress on the preventional New and Full Moon, the same on the post-ventional New or Full; which I think of little or no Use to Judgment on Effects to ensue, though it was what *Ptolemy* taught. Instead of affording any Light into the Effects of the Stars, it rather clouds it, filling the Mind with Perplexity of a confused Jargon. So many things to be judged of, before you can deduce or form a fixed Judgment. If the Art of Astrology was to be modified or made correct, as Sir *Isaac Newton* has Astronomy, to bring it into a more minute Apparatus, and fewer Rules for Judgment, it would soon grow more improved, and avoid numerous Errors that it is loaded with at present. This requires more Room to be treated on as it ought to be, than I can spare at present: So I proceed to examine into Secondary Causes or Signs, according to Art, of what Contingences may happen this Quarter. ♃ Lord of the Asc. in the 9th in Δ to ♀, shews a good Time to go long Journeys. ♀ in the 2d shews Money is to be got by Journeys, but chiefly to those whose Nativities correspond; short Journeys too will bring Pleasure, though not quite so much Profit. *Saturn* being in the 7th, I would not advise any to go long Journeys for a Wife; for generally it is not good to travel too far for a Wife; Experience teacheth it is a great Hazard. ♃ rules the Asc. an Indication that the Poor will find the Times less severe than of late. ☿ in ☐ to the ☉ seems as if the Effects of some evil Counsel, hatched at the last Quarter, began to be more apparent now: *London* seems to be the Stage where the Scene will diffuse itself, though I wish them Peace and Plenty, yet I fear it or doubt it. But great are the Mysteries of Nature, and abstruse is the Art to pry into them. The Influences of the Stars are  
all

## SEASON, 1768.

all acted by the Decrees of Heaven, though it is difficult to know what these Decrees are; no human Judgment can be certain of particular Events.

So what our Intellects can't discover,  
Time will reveal when the Thing is over.

### Judgment on the SUMMER QUARTER:

**W**HICH begins *June 30*, within 2 min. of Midnight;  $\propto$  at the Time asc. 24 deg.  $\uparrow$  on the 10th 28 deg. I cannot well omit taking notice, at the two preceding Ingresses and this, that the fly Make-bate *Saturn* looks with an evil Eye on the Sun; besides the Sun is affected with  $\♂$ 's  $\square$ ,  $\gamma$  Lord of the Asc. in  $\square$  to  $\varphi$ , and *Saturn* the same to *Mars*. Can any Good be expected from such Male Aspects? Surely no: I must deviate from the Principles of this Art, if I write or predict any Good. All Men that understand the Dialect of the Stars know the Sun typifieth great Men in Power, from the Emperor down to a Town-Mayor, or Constable: *Saturn* is Representative of old Men, Farmers, Countrymen, and Men employed in dirty Work, and all *Monks*, *Jesuits*, and *Methodists*; between these two Sorts you may expect to hear this Quarter of some Opposition, Quarrel, or uncommon Disturbance or Strife, fomented from this and both the former evil Aspects. I have much to insist on, had I Room; but in short, as I am drawing toward a Conclusion, I conjecture, how much soever Knavery and Thievery and other like Vices have been observed of late, it will be much more found so this Quarter. The Lord of the Asc. in  $\square$  to  $\varphi$  usually opens a Door for Diseases, which I believe will be found too true; and the  $\odot$  partly Lord of the 8th, in  $\delta$  with  $\eta$  Lord of a great Part of the Asc. looks as if Death would bring a *Habeas Corpus* and seize on many People diseased in the Breast. I seem to apprehend some Caviller will object against some Points I wrote on the Effects of Eclipses, where it is said, that as the Properties of Simples were learnt at first only by Observation and Experience, so in Length of Time the Effects of Eclipses and the rest were found out only by good Observations. Take notice I do not affirm the Knowledge of the one is equally so apparent or infallible as the other: But as the Virtue of Herbs were learnt by observing and Experience, so the Effects of Eclipses, and other Branches of the

Astr.

## SEASON, 1768.

Astral Knowledge, have their Basis from Observation and Experience only. So I end my annual Labour with my sincere Prayer to God, to bless our King with Wisdom, Power, and Peace; and that, in his Days, Truth and Justice, Religion and Piety may abound; and that God may direct the Hearts of all his Subjects to choose for their Representatives in Parliament Men of Integrity, that abhor Covetousness, if it may be. *Amen.* Let all my Readers say *Amen.*

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### *Some short Disquisition concerning the late Agues or intermitting Fevers.*

**T**HERE has not in my Memory been observed the like Number, nor such frequent Relapses of Agues and Fevers of the intermitting Sort; though few (that I know of at least) have made any Scrutiny or adequate Inquiry into the natural Philosophical Reason, or primary Causes of them, which I imagine cannot be very abstruse to investigate to any one that has a tolerable Acquaintance with the animal Economy and the Circulation of the Fluids, together with the Causes and essential Constitution of such Fevers, and a just Rationale of Medicine. The three principal Causes of the late Agues, and their swift Return, were first, from the unseasonable Coldness of the Air by turns; secondly, from the Insufficiency of common hackney Medicines that were then used; and thirdly, from the Untractableness and ill Management of sick Patients in the Ague touching the Non-naturals. Last Year three or four of the first Months were cold, and not only cold, but very changeable of a sudden, and uncommonly irregular as to hot and cold, more than had been known for many Years: And there is nothing found more inimicable to Nature than sudden Changes, which we can at no Time bear without being exposed to Hurt. And at the Introduction of Spring the perspiratory Ducts or Pores of our Body gradually begin to grow larger and more extended than in the preceding Winter; by which means, when the circumambient Air is all of a sudden grown cold to any Extreme, it always closes up and obstructs that Matter that ought to perspire, and so it is thrown on the Fluids, and obstructs some Gland, or several: For, as Mr. *Leuwenhoeck* has observed, that one Point of our *Cutis* or Skin has 125000 Orifices, and that one Grain of Sand will cover these numerous small Ducts: And when the cold Air has stopped up these numerous Discharges,

yha

## SEASON, 1768.

what a Quantity of Matter must be retained in the Blood; whereby the Solids are relaxed and weakened; so that they are rendered unable to break or divide the viscons Particles of Matter which will soon run into Contact and Cohesion; which soon produces a putrefactive Ferment, that causeth Obstructions in the Pancreas, and other lateral Ducts. This is one, if not the prime Rise of an Ague, which is much sooner brought on by the Crudity of a phlegmy Constitution, and weak Nerves, so as to alter the Nature of the Fluids, or relax the Solids. A second Reason of Agues not being cured, or their frequent Relapses, was from People's sole Dependance on the Bark, without being prepared in any suitable Way to use it; or they used it at any Time, paying no Regard to the Crisis of the Disease, or the Concoction of the morbid Matter. There is not, nor ever will be any Rule found to perfect the Cure of the afore-named Disorder, without some proper Evacuations first used to carry off the Viscosities that obstruct and raise the Ferment in the Blood: Neither will it alone, be it ever so much taken, make any lasting Cure in a Case any Way obstinate, or where the Springiness of the Nerves is much relaxed; but does require several more auxiliary Assistances; such as proper stomachic bitter Aromatics, and some ponderous Medicines that will give Spring and Force to the Fibres; which was omitted last Spring by many who prescribed Medicines. A third Reason why so many Agues missed Cure, or returned, was the Poverty of many, who had nothing to drink but Water; and at that Time the Blood was so much impoverished by the Distemper, that it then required somewhat to constringe the Fibres and Solids; whereas Water acts the direct contrary. And hence it was that the Distemper was so apt to return in such Persons, after the first Cure.

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*Let this inform the Publick,*

**T**HAT the Author of this, licensed Physician and Surgeon, has, for above thirty Years, prepared an excellent Dentifrice for the Teeth, to cleanse, strengthen, and preserve them; and cleanseth the Gums from all scorbutic Erosions, which taint the Gums or decay the Teeth, preserving them in some till old Age; as thousands will attest in Town and Country. Sold 8d. per Bottle, being lately bigger, and Allowance made to a Seller.—He also cures Wens and scrophulous Swellings without cutting; and has cured more than any ever did in *Wills*.—He only prepares Sir Hans Sloane's famous Eye-Ointment, and has found it answer the great Character Sir Hans hath given of it.—And for twenty Years has made it his Study to accelerate the Cure of the Rickets, and cured many last Year,

F I N I S.



'ΑΤΛΑΣ ΟΥΡΑΝΙΟΣ  
 The COELESTIAL ATLAS;  
 Or, A New  
 E P H E M E R I S  
 For the YEAR of our LORD 1768.

BEING THE  
 BISSEXTILE, or LEAP-YEAR.

Wherein are contained  
 The Heliocentrick and Geocentrick-Places of the Planets,  
 the ECLIPSES of the Luminaries, and other remarkable PHÆ-  
 NOMENA that will happen this Year.

Carefully computed  
 From the genuine TABLES of Dr. *Edmund Halley*, late  
 Regius Professor of ASTRONOMY, and *Savilian* Professor of  
 GEOMETRY in the University of *Oxford*.

ALSO  
 A Compleat ALMANACK, containing the FEASTS and  
 FASTS of the Church of *England*; the Times of the LUNA-  
 TIONS; the Rising and Setting of the Sun, Moon, and  
 Planets, &c. Adapted to the

Meridian and Latitude of the ancient and honourable  
 CITY of LONDON.

To which are added,  
 Several useful TABLES: As, a TABLE of the Sun's  
 Declination; a TABLE by which the Times of the Sun's Rising  
 and Setting may be known by Inspection, on every Day in the  
 Year, and in any Part of *Great-Britain* or *Ireland*; a TIME-  
 TABLE, and a very correct one of the Eclipses of *Jupiter's* first  
 Satellites; and, lastly, an exact TABLE of the Rising, Southing,  
 and Setting of 30 of the most remarkable fixed Stars: Taken  
 from Mr. *Flamsted's* Catalogue.

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By ROBERT WHITE,

Teacher of the Mathematics.

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Οἱ ἑταροὶ διηγήσιναι δεῦν οἷς.

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The NINETEENTH IMPRESSION.

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# Chronological Notes for the Year 1768.

Golden Number	23	Septuagesima Sun.	Jan. 31
Cycle of the Sun	13	Shrove Sunday	Feb. 14
The Epact	11	Easter Day	April 1
Dominical Letters C B		Whit-Sunday	May 21
Number of Direction	13	Trinity Sunday	May 29
Roman Indiction	1	Advent Sunday	Nov. 27

## Astronomical CHARACTERS explained.

♈ Aries	♋ Cancer	♎ Libra	♏ Capricorn
♉ Taurus	♌ Leo	♏ Scorpio	♐ Aquarius
♊ Gemini	♍ Virgo	♏ Sagittary	♑ Pisces

♄ Saturn	☉ Sol (the Sun)	☾ Luna (the Moon)	♁ Tellus, Terra (or the Earth)
♃ Jupiter	♀ Venus	♊ Moon's N. Node	
♂ Mars	☿ Mercury	♋ her S. Node	

♄ Conjunction when Planets are in the same Sign, Deg. Min. &c.	
★ Sextile when 2 Signs dist.	Δ Trine when 4 Signs dist.
□ Quartile when 3 Signs dist.	♄ Opposition when 6 Signs dist.

## Of the Four Quarters of the YEAR 1768.

**T**HE Spring Quarter begins on the 20th Day of *March*, at 43 Minutes past 1 in the Morning. Appa est Time.

The Summer Quarter begins *June* 20th, 33 Minutes after Midnight.

The Autumnal Quarter begins *September* 22d, 12 Minutes past 2 in the Afternoon.

The Winter Quarter begins on the 21st Day of *December*, 55 Minutes after 5 in the Morning.

**T**HE beautiful Planet *Venus* is a Morning Star to the 12th Day of *August*; and after that Time, she becomes an Evening Star, until the Year's End.

**J**UPITER is a Morning Star until the 6th Day of *April*, and then becomes an Evening Star, until the 25th Day of *October*; and after that Time, a Morning Star again, to the End of the Year.

A TABLE of the Longitudes, Latitudes, and Magnitudes, of the most remarkable Fixed Stars that the Moon can eclipse or make, a near Appulse unto; taken from Mr. Flamsteed's *Historia Coelestis*, and rectified to the Beginning of the Year 1760.

Constellations.	Rev. Ch.	Longitude.			Latitude.			Magni.	Constellations.	Rev. Ch.	Longitude.			Latitude.			Magni.
		°	'	"	°	'	"				°	'	"	°	'	"	
X	♈	10	47	37	2	9	44B.	4	♏	♏	0	0	31	5	0	22B.	4.3
	♈	14	10	31	1	4	7B.	4		♏	1	29	17	1	22	1B.	3
	♈	16	30	33	0	13	25A.	4		♏	6	50	31	2	50	53B.	3
γ	♏	23	27	40	5	21	7B.	4	♏	♏	14	52	43	1	45	29B.	4
	♏	17	28	38	1	47	34B.	4		♏	20	29	41	2	1	59A.	1
	♏	26	38	28	4	0	37B.	3		♏	1	9	0	2	55	40B.	4
Ald.	♏	2	25	54	5	46	22A.	3	♏	♏	11	45	0	0	22	51B.	2
	♏	5	5	31	2	35	58A.	3.4		♏	21	47	12	4	25	27B.	3.4
	♏	6	25	20	5	29	49A.	1		♏	24	0	58	4	2	52B.	4
β	♏	13	25	56	1	14	34A.	4	♏	♏	26	31	24	3	30	4B.	4
	♏	19	12	16	5	21	34B.	2		♏	27	8	3	0	7	50B.	4
	♏	21	25	48	2	14	21A.	3		♏	29	14	10	1	56	31A.	3
II	♏	1	56	30	0	51	22A.	3	♏	♏	29	35	4	5	25	46A.	3
	♏	3	26	40	3	6	3A.	4		♏	29	51	16	1	3	92.	2
	♏	5	44	38	6	47	19A.	2.3		♏	1	18	31	1	40	08B.	4
γ	♏	6	34	57	2	1	30B.	3	♏	♏	6	24	24	4	31	20A.	1
	♏	11	37	51	2	5	27A.	3.4		♏	8	6	16	6	4	23A.	4
	♏	15	9	36	0	13	7A.	3		♏	27	54	7	0	55	51A.	3
β	♏	19	54	29	6	39	27B.	2	♏	♏	1	12	32	5	2	21A.	3
	♏	4	11	20	3	9	41B.	4		♏	2	58	12	2	4	1A.	4
	♏	5	22	0	0	3	46B.	4		♏	9	1	31	3	23	32A.	4.3
δ	♏	18	18	4	3	11	22A.	4	♏	♏	11	28	30	5	1	12A.	4
	♏	20	54	28	3	46	50A.	3.4		♏	11	39	6	0	54	38B.	4
	♏	24	32	44	4	50	20B.	3.4		♏	12	55	3	1	28	59B.	4
Cor.	♏	25	57	24	3	55	18A.	4	♏	♏	0	42	17	4	37	27B.	3
	♏	26	29	40	0	26	38B.	1		♏	18	26	2	2	31	18A.	4
	♏	3	2	10	0	7	48B.	4		♏	20	11	34	2	32	19A.	3
♏	♏	18	9	22	0	34	4A.	4	♏	♏	25	22	21	2	3	15A.	4
	♏	23	44	34	0	40	47B.	3		♏	29	54	4	2	43	47B.	4

I have inserted this Table to oblige the Curious. If 50 Seconds be added for every succeeding, and subtracted for every preceding Year, the Longitudes may be found at all Times, and the Latitudes vary not.

A TABLE of the Difference of Meridians in Time, of the Royal Observatory near LONDON, and of the Latitude of several famous Cities, and other remarkable Places. Taken from Dr. Halley's Tables.

NAMES of PLACES.	Diff. Mer.			Alt. of P		
	h.	m.	f.	d.	m.	f.
Alexandria in Egypt	2	1	6	A.	31	7
Athens in Greece	1	35	30	A.	38	5
Babylon in Egypt, Grand Cairo	2	5	45	A.	30	2
Berlin in Brandenburg	0	53	50	A.	52	33
Cape of Good Hope in Africa	1	8	0	A.	34	15
Cadiz in Spain	0	24	28	S.	36	33
Carthagenæ in America	5	0	46	S.	10	26
Copenhagen in Denmark	0	51	0	A.	55	40
Dantzick in Poland	1	15	12	A.	54	22
Island of St. Helen	0	24	0	S.	15	55
Jerusalem	2	21	20	A.	31	55
London at St. Paul's	0	0	20	S.	51	30
Lisbon in Portugal	0	36	50	S.	38	42
Moscow in Russia	2	41	20	A.	55	36
Naples in Italy	0	58	40	A.	40	50
Observatory at Greenwich	0	0	0	—	51	28
Observatory at Paris	0	9	20	A.	48	50
Oxford	0	5	4	S.	51	45
Petersburg in Russia	2	1	20	A.	60	0
Pekin in China	7	45	20	A.	39	54
Porto Bello in America	5	19	20	S.	9	33
Prague in Bohemia	0	59	0	A.	50	4
Rome, the Metropolis of Italy	0	50	0	A.	41	54
Rochelle in France	0	5	4	S.	46	9
Smyrna in Turkey	1	49	19	A.	58	28
Teneriff Mountain	1	6	12	S.	28	23
Terra del Gada in Madagascar	2	58	0	A.	19	29
Tornea in Lapland	1	35	15	A.	65	50
Venice in Italy	0	48	18	A.	45	25
Vienna in Austria	1	5	30	A.	48	12
Upsal in Sweden	1	11	0	A.	59	51

# 3 TABLE of the **KINGS** and-**QUEENS** of England since the Conquest.

Kings and Queens.	Born A.D.	Began their Reign.	Reigned Y. M. D.	Age.	Rem. Deaths and Dethron.	Where Buried.
Will. Conq.	1027	1066 Oct. 14	20 10 20	60	Burnt by Leap.	Caen, Norm
Will. Rufus	1057	1087 Sept. 9	12 10 24	43	Slain acciden- tally.	Winchester
Henry I	1058	1100 Aug. 2	35 4 0	77		Reading
Stephen	1105	1135 Dec. 1	18 10 24	49		Feverham
Henry II	1134	1154 Oct. 25	34 8 12	55		Fonteveraud
Richard I	1156	1189 July 6	9 9 0	43	Slain with an Arrow.	Fonteveraud
John	1166	1199 April 6	17 6 13	50		Worcester
Henry III	1207	1216 Oct. 19	56 0 28	65		Westminster
Edward I	1239	1272 Nov. 16	34 7 21	67		Westminster
Edward II	1284	1307 July 7	19 6 13	43		Gloucester
Edward III	1312	1327 Jan. 20	50 5 1	65		Westminster
Richard II	1366	1377 June 21	22 3 8	33	Dep. & murd.	Westminster
Henry IV	1367	1399 Sept. 29	23 5 21	46		Canterbury
Henry V	1389	1413 Mar. 20	9 5 11	33		Westminster
Henry VI	1421	1422 Aug. 31	38 6 4	49	Dep. & murd.	Windfor
Edward IV	1442	1461 Mar. 4	22 1 5	41		Windfor
Edward V	1471	1483 April 9	0 2 15	12	Murder'd.	Not known
Richard III	1443	1483 June 22	2 2 0	42	Slain in Battle.	Leicester
Henry VII	1457	1485 Aug. 22	23 8 0	52		Westminster
Henry VIII	1492	1509 April 22	37 9 6	55		Windfor
Edward VI	1537	1547 Jan. 28	6 5 9	15		Westminster
Mary I	1516	1553 July 6	5 4 11	42	Died of Grief.	Westminster
Elizabeth	1533	1558 Nov. 17	44 4 7	69		Westminster
James I	1566	1603 Mar. 24	22 6 3	58		Westminster
Charles I	1600	1625 Mar. 27	23 10 3	48	Murder'd by Villains.	Windfor
Charles II	1630	1649 Jan. 30	36 0 7	54	Abdicated.	Westminster
James II	1633	1685 Feb. 6	4 0 7	67		St. Germain
Mary II	1662	1689 Feb. 13	5 10 15	32		Westminster
William III	1650	1689 Feb. 13	13 0 23	52	Kill'd by a Fall from his Horse.	Westminster
Anne	1665	1702 Mar. 8	12 4 24	49		Westminster
George I	1660	1714 Aug. 1	12 10 10	67		Hanover
George II	1683	1727 June 11	33 4 14	77		Westminster
George III	1738	1760 Oct. 25	Whom God prosper.			

All hail ! Great **GEORGE** renowned Prince of Might,  
Our King by Providence, and lawful Right,  
*Rome's* fatal Foe, and Protestant's Delight,  
May Peace and Plenty all your Days remain,  
And *Neslor's* Years conclude your happy-Reign.

A TABLE of the most Reverend Right Reverend and Reverend, the Bishops and Deans, exercising Ecclesiastical Jurisdiction, 1768.

Bishops	Sees	Date Succeeded	Deans
Dr. Thomas Secker Arch-Bishop	Bristol	1734 Cecil translated	
	Oxford	1737 Potter translat.	
	Canterb. A. B.	1758 Hutton decess.	Dr. John Potter
H. Dr. R. Drummond Arch-Bishop	St. Asaph	1748 Lisle trans.	
	Salisbury	1761 Thomas trans.	
	York A. B.	1761 Gilbert decess.	Dr. J. Fountayne
Dr. Rich. Terrick	Peterborough	1757 Thomas trans.	
	London	1764 Osbaldeston de.	H. Dr. Fr. Cornw.
Hon. Dr. R. Trevor	St. David's	1744 Willes trans.	
	Durham	1752 Butler decess.	H. D. Spen. Cowper
	Peterborough	1747 Clavering dec.	
Dr. John Thomas	Salisbury	1757 Gilbert trans.	
	Winchester	1761 Hoadley d-c.	Dr. Jonat. Shipley
	Landaff	1738 Harris decess.	
Dr. Matt. Mawson	Chichester	1740 Hare decess.	
	Ely	1754 Gooch decess.	Dr. Hugh Thomas
Dr. Edward Willes	St. David's	1742 Clogget trans.	
Lord J. Beauclerk	Bath & Wells	1743 Wynn decess.	Ld. Fr. Seymour
	Hereford	1746 Egerton decess.	Dr. Fran. Webber
Dr. Zachary Pearce	Bangor	1747 Hutton trans.	
	Rochester	1756 Wilson dec.	Dr. W. Markham
H. Dr. Fr. Cornwallis	Litch. & Cov.	1749 Smalbroke de.	Dr. J. Addenbrook
Dr. Edmund Keme	Chichester	1758 Peploe decess.	Dr. Will. Smith
Dr. James Johnson	Gloucester	1752 Benson decess.	
	Worcester	1759 Maddox decess.	Sir. R. Wrottesley
Sir W. Ashburnham	Chichester	1754 Mawson trans.	Tho. Ball, M. A.
Dr. Ric. Newcomb	Landaff	1755 Cresset dec.	
	St. Asaph	1761 Drummond tr.	Dr. Will. Herring
	Bristol	1756 Conybeare dec.	
Dr. John Hume	Oxford	1758 Secker tr.	
	Salisbury	1766 Thomas tr.	Dr. Tho. Green
Dr. John Egerton	Bangor	1756 Pearse trans.	Dr. Thom. Lloyd
	Bristol	1758 Hume translat.	
Dr. Philip Yonge	Norwich	1761 Hayter trans.	Dr. Philip Lloyd
	Gloucester	1759 Johnson trans.	Dr. Josiah Tucker
Dr. Will. Warburton	Landaff	1761 Newcomb tran.	J. Fulham A. M.
Dr. John Ewer	Lincoln	1761 Thomas tran.	Hon. John York
Dr. John Green	Bristol	1761 Yonge trans.	Dr. Cutts Burton
Dr. Thomas Newton	Carlisle	1762 Osbaldeston tr.	Dr. Tho. Wilson
Dr. Cha. Lyttelton	Exeter	1762 Lavington dec.	Dr. Jer. Milles
Hon. Dr. Fred. Keppel	Peterborough	1764 Terrick trans.	Dr. Ch. Tarrant
Dr. Robert Lamb	St. David's	1766 Squire decess.	
Dr. Robert Lowth	Oxford	1766 Hume trans.	Dr. David Gregory
Dr. Charles Moss	St. David's	1766 Lowth trans.	J. Morgan B. D. Pr.
	Westminster		Dr. Zach. Pearce
Dr. Mark Hildesley	Sodor & Mann	1755 Wilson decess.	Dr. Fred. Keppel.
	Windsor		

# The Names of the Learned Judges of the Law.

The Rt. Hon. Lord *Campden*, Lord High Chancellor of *England*.  
 Rt. Hon. Sir *Thomas Serwell*, Knt. Master of the *Rolls*.

In the King's Bench.	The Common Pleas.	The Exchequer.
Rt. Hon. <i>William Ld. Mansfield</i> , L. C. J.	Rt. Hon. Sir <i>J. Eardly Wilmer</i> , Knt. L. C. J.	Sir <i>T. Parke</i> , L. C. B.
Sir <i>Joseph Yates</i> ,	Sir <i>Edward Clive</i> , Knt.	Sir <i>S. Stafford Smythe</i> ,
Sir <i>Richard Aiton</i> .	Hon. <i>Hen. Bathurst</i> , Esq;	Sir <i>Rich. Adams</i> , Knts.
<i>James Hewitt</i> , Esq;	Sir <i>Henry Gould</i> , Knt.	<i>George Perrot</i> , Esq;

*William de Grey*, Esq; Attorney-General.

*Edward Willes*, Esq; Solicitor-General.

## A TABLE of TERMS and their RETURNS.

Hilary Term begins *Jan. 23*, ends *Feb. 12*.

Returns or Essoign-days.	Exc.	Ret.	Ap	W. D.
In eight Days of St. <i>Hilary</i> , <i>Jan. 20</i>	21	22	23	Saturd.
From the Day of St. <i>Hilary</i> in 15 Days, <i>27</i>	28	29	30	Saturd.
On the Morrow of the Purif. Blessed <i>Mary</i> , <i>Feb. 3</i>	4	5	6	Saturd.
In eight Days of the Purif. of Blessed <i>Mary</i> , <i>9</i>	10	11	12	Friday

Easter Term begins *April 20*, ends *May 16*.

From the Day of Easter in 15 Days, <i>April 17</i>	18	19	20	Wedn.
From the Day of Easter in 3 Weeks, <i>24</i>	25	26	27	Wedn.
From the Day of Easter in 1 Month, <i>May 1</i>	2	3	4	Wedn.
From the Day of Easter in 5 Weeks, <i>8</i>	9	10	11	Wedn.
On the Morrow of the Ascension, <i>13</i>	14	15	16	Mond.

Trinity Term begins *June 3*, ends *June 22*.

On the Morrow of the Holy Trinity, <i>May 30</i>	31	1	2	Friday
In eight Days of the Holy Trinity, <i>June 5</i>	6	7	8	Wedn.
In 15 Days of the Holy Trinity, <i>12</i>	13	14	15	Wedn.
In 3 Weeks of the Holy Trinity, <i>19</i>	20	21	22	Wedn.

Michaelmas Term begins *Nov. 7*, ends *Nov. 28*.

On the Morrow of All Souls, <i>Nov. 3</i>	4	5	7	Mond.
On the Morrow of St. Martin, <i>12</i>	13	14	15	Tuefd.
In eight Days of St. Martin, <i>18</i>	19	20	21	Mond.
In 15 Days of St. Martin, <i>25</i>	26	27	28	Mond.

*N. B.* No Sittings in *Westminster-Hall* on Ascension-day, Midsummer-day, and the 2d of February.

The *Exchequer* opens eight Days before any Term begins, except Trinity, before which it opens but four Days.

*Notes.* The first and last Days of every Term, are the first and last Days of Appearance.

# January hath XXXI Days. White.

## The LUNATIONS Apparent Time.

Full Moon the 4th Day, 14 Minutes past 4 in the Morning.  
 Last Quarter the 12th Day, 54 Minutes after 3 in the Morning.  
 New Moon the 19th Day, 57 Minutes past 5 in the Afternoon.  
 First Quarter the 26th Day, 22 Minutes after 11 in the Morning.

Sundays & other remarkable Days.	Sun rises.	Sun sets.	Dec. ☉ South.	Dec. ☽ North.	Moon sets.	Moon South.	Clock et. Su.
Circumcision.	8 4	3 56	13 7	25 13	5M 35	9A. 5	4 1
2 S. aft. Christm.	8 4	3 56	22 57	25 52	6 44	10 52	4 29
Old Christ Day.	8 3	3 57	12 57	24 58	7 37	11 48	4 57
Epiphany.	8 2	3 58	22 46	22 39	8 11	Morn.	5 25
Lucian Pr. & M.	8 1	3 59	12 39	19 15	5A 42	0 42	5 52
1 Sun. aft. Epiph.	8 1	3 59	22 32	15 1	6 57	1 32	6 18
Plow Monday.	8 0	4 0	22 2	10 14	8 7	2 16	6 44
Old N. Years Day.	7 56	4 1	22 17	5 10	9 17	2 58	7 10
Camb. Term beg.	7 58	4 2	22 9	0S. 3	10 26	3 39	7 35
Oxi. Term beg.	7 57	4 3	22 0	5 13	11 33	4 19	8 0
2 Sun. aft. Epiph.	7 56	4 4	21 51	10 12	Morn.	4 59	8 25
Q. Char. B. D. kept	7 55	4 5	21 41	14 47	0 41	5 41	8 49
Fabian B. & M.	7 54	4 6	21 31	18 51	1 51	6 24	9 12
Agnes V. & M.	7 52	4 8	21 21	22 10	3 2	7 10	9 3
Vincent D. & M.	7 51	4 9	21 10	4 34	4 13	7 59	9 57
Term beg'ns.	7 50	4 10	20 59	25 46	5 19	8 53	10 17
3 Sun. aft. Epiph.	7 48	4 12	20 47	25 35	6 17	9 48	10 37
Conv. St. Paul.	7 46	4 14	20 35	23 51	7 3	10 45	10 56
K. Char. I. Mart.	7 45	4 15	20 23	20 41	8 11	11 41	11 15
Septuag. Sunday.	7 44	4 16	20 10	16 12	5A. 28	0A. 39	11 33
Day increas.	7 44	4 16	19 57	10 47	6 55	1 33	12 50
Length of Day.	7 42	4 18	19 43	4 52	8 20	2 22	12 7
Helior. Plac. ♀	7 41	4 19	19 29	1N 36	9 45	3 12	12 25
Helior. Plac. ♀	7 39	4 21	19 15	7 49	0 10	4 3	12 38
Helior. Plac. ♂	7 38	4 22	19 0	13 34	Morn.	4 54	12 52
Helior. Plac. ♀	7 36	4 24	18 45	18 27	0 34	5 47	13 5
Helior. Plac. ♂	7 34	4 26	18 30	22 18	1 56	6 42	13 17
Helior. Plac. ♀	7 33	4 27	18 14	24 48	3 16	7 39	13 29
Helior. Plac. ♂	7 31	4 29	17 58	25 50	4 27	8 36	13 40
Helior. Plac. ♀	7 30	4 30	17 42	25 2	5 23	9 32	13 50
Helior. Plac. ♂	7 28	4 32	17 26	23 26	6 6	10 26	14 59
Day increas.	7 52	4 42	17 11	10 43	26 44	3 29	7M 2
Length of Day.	8 0	5 11	10 43	16 45	0 29	24 55	6
Helior. Plac. ♀	8 12	9 11	13 42	22 51	0 14	13 11	22 6
Helior. Plac. ♂	8 28	23 12	16 43	29 3	9 58	0 25	5
Helior. Plac. ♀	8 44	36 12	19 45	58 9	9 42	10 55	5



# January 1768.

Days	Daylig. begins.	Daylig. ends.	Durat. Twilig.	Node in v	Lat. h South.	Lat. 1 North.	Lat. 8 North.	Lat. 5 North.	Lat. 0 North.
1	5 59	6 1	2 10 22	8	1 0	0 18	0 14	3 31	1 50
2	5 56	6 4	2 9 21	48	0 59	1 19	0 10	3 28	0 57
3	5 52	6 8	2 7 21	27	0 58	1 21	0 6	3 21	0 6
13	5 46	6 14	2 5 21	7	0 57	1 22	0 2	3 9	0 S. 38
19	5 39	6 21	2 3 10	47	0 56	1 24	0 S. 3	2 53	1 16
25	5 39	6 21	2 3 10	47	0 56	1 24	0 S. 3	2 53	1 16
Days	☉ d. m.	☽ d. m.	☾ d. m.	☿ d. m.	♈ d. m.	♉ d. m.	♊ d. m.	♋ d. m.	♌ d. m.
1	10 42	10	7 23	3 N. 42	29 29	20 56	1 13	23 56	17 51
2	11 43	21	21 3	2 42	29 24	21 3	1 54	24 55	18 53
3	12 44	31	49 29	1 34	29 20	21 9	2 35	25 55	19 58
4	13 45	42	17 40	0 21	29 15	21 15	3 16	26 56	21 5
5	14 46	52	05 35	0 S. 50	29 10	21 21	3 57	27 56	22 15
6	15 48	2	13 14	1 57	29 7	21 26	4 39	28 57	23 28
7	16 49	12	25 37	2 58	29 1	21 32	5 20	29 58	24 42
8	17 50	21	7 47	3 49	28 56	21 37	6 1	1 0	25 58
9	18 51	30	19 48	4 30	28 52	21 43	6 42	2 2	27 16
10	19 52	39	1 43	4 59	28 47	21 48	7 24	3 4	28 35
11	20 53	47	13 36	5 15	28 43	21 53	8 5	4 6	29 55
12	21 54	56	25 32	5 17	28 38	21 57	8 46	5 9	1 16
13	22 56	4	7 35	5 6	28 34	22 1	9 28	6 13	2 13
14	23 57	11	19 49	4 40	28 30	22 6	10 9	7 17	4 0
15	24 58	17	2 21	4 1	28 25	22 10	10 51	8 21	5 24
16	25 59	23	15 7	3 10	28 21	22 14	11 32	9 25	6 49
17	27 0	28	28 16	2 7	28 17	22 18	12 14	10 30	8 15
18	28 1	33	11 49	0 54	28 13	22 21	12 55	11 34	9 42
19	29 2	36	25 41	0 N. 22	28 9	22 25	13 37	12 39	11 9
20	30 3	39	9 53	1 40	28 5	22 28	14 19	13 44	12 35
21	1 4	41	24 18	2 51	28 2	22 31	15 1	14 50	14 6
22	2 5	43	8 30	3 53	27 58	22 34	15 42	15 55	15 35
23	3 6	44	23 24	4 40	27 55	22 37	16 24	17 1	17 5
24	4 7	43	7 51	5 8	27 51	22 39	17 6	18 8	18 36
25	5 8	41	22 14	5 17	27 48	22 42	17 48	19 15	20 8
26	6 9	38	6 24	5 6	27 45	22 44	18 30	20 22	21 41
27	7 10	35	20 19	4 38	27 41	22 46	19 12	21 29	23 14
28	8 11	31	4 11	3 54	27 38	22 48	19 53	22 36	24 48
29	9 12	26	17 30	2 58	27 35	22 49	20 35	23 44	26 22
30	10 13	21	0 44	1 53	27 32	22 51	21 17	24 51	27 57
31	11 14	14	13 46	0 43	27 29	22 52	21 59	25 58	29 32
Days	Jupiter rises.	Mars rises.	Venus rises.	Mercur. rises.	Dec. h North.	Dec. 1 South.	Dec. 8 South.	Dec. 5 South.	Dec. 0 South.
1	1 M 5	4 M 55	3 M 59	6 M 10	22 29	6 58	20 12	15 23	21 2
7	0 42	4 52	4 6	6 22	22 30	7 11	21 4	16 48	22 7
13	0 18	4 48	4 14	6 37	22 31	7 20	21 49	18 5	23 23
19	1 A. 51	4 45	4 22	6 51	22 31	7 28	22 27	19 14	24 40
25	1 27	4 41	4 30	7 2	22 32	7 33	22 58	20 11	25 1

# February hath XXIX Days. White.

## The LUNATIONS.

Full Moon the 24 Day, 22 Minutes after 8 at Night.

Last Quarter the 10th Day, 12 Minutes past Midnight.

New Moon the 18th Day, 39 Minutes after 5 in the Morning.

First Quarter the 24th Day, 36 Minutes past 8 at Night.

M.	Sundays and other remarkable Days	Sun rises.	Sun sets.	Dec. ☉ South.	Dec. ☾ North.	Moon sets.	Moon South.	Clock bef. Sun	
1		7 26	4 34	17 9	20 36	6M39	11A.16	14 8	
2	Purif. B. V. Mary	7 24	4 36	16 51	16 27	☾ rises.	Morn.	14 16	
3	Blaze B. & M.	7 23	4 37	16 34	11 52	5A.43	0 3	14 23	
4		7 21	4 39	16 16	6 51	6 54	0 48	14 29	
5	Agatha V. & M.	7 19	4 41	15 58	1 39	8 3	1 29	14 34	
6		7 18	4 43	15 40	3S.31	9 11	2 9	14 38	
7	Sexages. Sunday	7 16	4 45	15 21	8 35	10 20	2 50	14 41	
8		7 14	4 46	14 2	13 16	11 29	3 32	14 43	
9		7 13	4 48	14 43	17 30	Morn.	4 13	14 45	
10		7 11	4 50	14 24	21 3	0 39	4 57	14 46	
11		7 9	4 52	14 4	23 46	1 48	5 46	14 46	
12	Term ends.	7 8	4 53	13 44	25 23	2 57	6 37	14 46	
13	Old Candl. Day.	7 6	4 55	13 24	25 46	3 58	7 30	14 45	
14	Shrove Sunday.	Valent. B. & M.	13 4	24 42	4 48	8 26	8 14	14 43	
15		7 2	4 59	12 44	22 11	5 29	9 22	14 41	
16	Shrove Tuesday.	7 0	5 1	12 23	18 16	5 59	10 18	14 38	
17	Ash Wednesday.	6 58	5 3	12 2	13 13	6 23	11 15	14 34	
18		6 56	5 5	11 41	7 16	☾ sets.	0 A. 8	14 29	
19		6 54	5 7	11 20	0 49	7A.16	1 0	14 23	
20		6 52	5 9	10 58	5N.39	8 4	1 53	14 16	
21	1 Sun. in Lent.	6 50	5 11	10 37	11 45	10 13	2 46	14 9	
22		6 49	5 12	10 15	17 4	11 39	3 40	14 1	
23		6 47	5 14	9 53	21 18	Morn.	4 36	13 53	
24	St. Matthias.	Ember Week.	9 31	24 12	1 2	5 35	5 35	13 44	
25		6 43	5 18	9 9	25 32	2 19	6 32	13 35	
26		6 41	5 20	8 46	25 28	3 21	7 29	13 25	
27		6 39	5 22	8 24	23 57	4 7	8 23	13 15	
28	2 Sun. in Lent.	6 37	5 24	8 1	21 13	4 42	9 15	13 4	
29		6 35	5 26	7 39	17 29	5 8	10 2	12 53	
DAYS	Day increas.	Length of Day.	Helioc. Plac. ♀	Helioc. Plac. ♀	Helioc. Plac. ♂	Helioc. Plac. ☉	Helioc. Plac. ♀	Helioc. Plac. ☉	Saturn sets.
1	1 24	9 8	10 52	13 4	23M21	12S15	11 1	6V28	5 M 2
7	1 45	9 29	2 6	13 31	16 28	18 10	20 41	24 25	4 37
13	2 9	9 49	2 19	13 58	29 37	24 24	0M20	14 22	4 14
19	2 29	10 13	2 33	14 25	2 48	0M27	9 57	7X31	3 50
25	2 51	10 3	2 46	14 52	6 0	6 29	19 32	5V8	3 26

# February 1768.

Days	Daylig begins.	Daylig. ends.	Durat. Twilig.	Node in $\Psi$	Lat. $\Psi$ South	Lat. $\Upsilon$ North.	Lat. $\delta$ South.	Lat. $\zeta$ North.	Lat. $\eta$ South.
1	5 30	6 30	2 0	20 24	8 55	1 25	0 8	2 31	1 4
2	5 21	6 39	1 59	20 4	0 54	1 27	0 13	2 9	2
3	5 12	6 48	1 57	19 45	0 53	1 28	0 18	1 47	2
4	5 0	7 0	1 57	19 25	0 51	1 30	0 23	1 23	1 4
5	4 50	7 10	1 56	19 5	0 50	1 31	0 29	1 0	1 3
Days	$\odot$ d. m. s.	$\omega$ d. m. s.	$\lambda$ $\epsilon$	Lat.	$\Pi$ R	$\Upsilon$ $\equiv$	$\delta$ $\uparrow$	$\zeta$ $\uparrow$	$\eta$ $\uparrow$
1	12 15 6	26 34	OS. 27	27 26	22 53	22 41	27 6	1	
2	13 15 57	9 11	1 36	27 23	22 54	23 23	28 14	2 4	
3	14 16 46	21 36	2 38	27 21	22 55	24 5	29 22	4 2	
4	15 17 33	3 25	3 32	27 18	22 56	24 47	OV 30	6	
5	16 18 19	15 55	4 16	27 16	22 56	25 29	1 39	7 4	
6	17 19 4	27 53	4 48	27 13	22 56	26 12	2 47	9 2	
7	18 19 47	9 47	5 8	27 11	22 56	26 54	3 56	11	
8	19 20 29	21 49	5 14	27 9	22 56	27 36	5 5	12 4	
9	20 21 10	3 34	5 6	27 7	22 55	28 18	6 14	14 3	
10	21 21 50	15 35	4 46	27 5	22 54	29 0	7 23	16 1	
11	22 22 28	27 46	4 13	27 3	22 53	29 43	8 32	17 5	
12	23 23 5	10 12	3 26	27 2	22 52	OV 25	9 42	19 4	
13	24 23 40	22 57	2 29	27 0	22 51	1 7	10 51	21 2	
14	25 24 14	6 6	1 22	26 59	22 46	1 49	12 0	23 1	
15	26 24 46	19 40	0 9	26 57	22 48	2 31	13 10	25	
16	27 25 17	3 43	IN 8	26 56	22 47	3 14	14 20	26 5	
17	28 25 46	18 10	2 21	26 55	22 44	3 56	15 30	28 4	
18	29 26 13	2 56	3 27	26 54	22 42	4 38	16 40	OV 3	
19	30 26 38	17 55	4 20	26 53	22 40	5 21	17 50	2 2	
20	1 27 2	2 57	4 55	26 52	22 37	6 3	19 0	4 1	
21	2 27 24	17 51	5 9	26 51	22 35	6 45	20 11	6	
22	3 27 44	2 31	5 3	26 51	22 32	7 28	21 21	8	
23	4 28 3	16 51	4 38	26 50	22 29	8 10	22 31	9 5	
24	5 28 20	0 50	3 57	26 50	22 26	8 52	23 42	11 5	
25	6 28 35	14 25	3 3	26 50	22 23	9 35	24 52	13 4	
26	7 28 49	27 41	2 1	26 50	22 19	10 18	26 2	15 4	
27	8 29 1	10 39	0 54	26 50	22 15	11 0	27 13	17 3	
28	9 29 11	23 21	OS. 15	26 50	22 11	11 43	28 23	19 2	
29	10 29 19	5 51	1 22	26 50	22 7	12 25	29 54	21 2	
Days	Jupiter rises.	Mars rises.	Venus fes.	Mercur. rises.	Dec. $\uparrow$ North.	Dec. $\Upsilon$ South.	Dec. $\delta$ South.	Dec. $\zeta$ South.	Dec. $\eta$ South.
1	IOA. 59	4M 36	4M 39	7M 10	22 31	7 36	23 25	20 56	21 4
7	10 35	4 33	4 46	7 16	22 33	7 35	23 40	21 16	19 2
13	10 12	4 29	4 53	fets.	22 34	7 32	23 47	21 16	16 1
19	9 48	4 24	4 57	5A 11	22 36	7 26	23 45	20 56	12 2
25	9 25	4 18	5 0	6 0	22 37	7 19	23 37	20 14	7 2

# March hath XXXI Days. White.

## The LUNATIONS.

Full Moon the 3d Day, 4 Minutes past 2 in the Afternoon.  
 Last Quarter the 11th Day, 58 Minutes past 5 in the Afternoon.  
 New Moon the 18th Day, 43 Minutes past 3 in the Afternoon.  
 First Quarter the 25th Day, 55 Minutes after 7 in the Morning.

V.	Sundays and other remarkable Days.	Sun rises.	Sun sets.	Dec. ☉ South.	Dec. ☾ North.	Moon sets.	Moon South.	Clock bef. Sun	
1	David.	6 33	5 28	7 16	13 10	5 M 28	10 A. 45	12 41	
2	Chad. B. Litch.	6 31	5 30	6 53	8 18	5 45	11 28	12 28	
3		6 29	5 32	6 30	3 12	Rises.	Morn.	12 14	
4		6 27	5 34	6 7	1 S. 58	7 A 1	0 10	12 1	
5	Prs. Hesse born.	6 25	5 36	5 44	7 2	8 11	0 50	11 47	
6	Sun. in Lent.	6 23	5 38	5 20	11 49	9 19	1 31	11 32	
7	Perpetua M.	6 21	5 40	4 57	16 9	10 28	2 13	11 17	
8		6 19	5 42	4 34	19 54	11 38	2 57	11 1	
9		6 17	5 44	4 10	22 51	Morn.	3 43	10 45	
10		6 15	5 46	3 47	24 49	0 47	4 32	10 29	
11		6 13	5 48	3 23	25 25	1 49	5 24	10 12	
12	Gregory M.B.R.	6 11	5 50	2 59	25 4	2 43	6 19	9 55	
13	Midlent Sunday.	6 9	5 52	2 36	23 11	3 27	7 15	9 38	
14		6 7	5 54	2 12	19 59	4 2	8 8	9 21	
15		6 5	5 56	1 48	15 30	4 28	9 1	9 4	
16		6 3	5 58	1 25	10 2	4 51	9 51	8 46	
17	St. Patrick.	6 1	6 0	1 1	3 50	5 10	10 48	8 29	
18	Edw. K. W. Sax.	5 59	6 2	0 37	2 N. 41	5 fets.	11 40	8 10	
19	Prs. Lou. Annebo.	5 57	6 4	0 14	9 6	7 A. 47	0 A 37	7 52	
20	Sun. in Lent.	5 55	6 6	0 N. 0	14 55	9 18	1 33	7 33	
21	Benedict Ab.	5 53	6 8	0 34	19 44	10 48	2 30	7 15	
22		5 51	6 10	0 57	23 12	Morn.	3 31	6 56	
23		5 49	6 12	1 21	25 6	0 8	4 30	6 37	
24		5 47	6 14	1 45	25 24	1 17	5 29	6 18	
25	Lady Day.	D. York born.	Camb. T. ends.			2 11	6 25	5 59	
26	Oxf. Term ends.	5 43	6 18	2 32	21 46	2 51	7 18	5 40	
27	Palm Sunday.	5 41	6 20	2 55	18 19	3 20	8 8	5 21	
28		5 39	6 22	3 18	14 8	3 42	8 52	5 3	
29		5 37	6 24	3 42	9 26	3 59	9 35	4 44	
30		5 35	6 26	4 5	4 28	4 15	10 16	4 26	
31	Maundy Thursd.	5 33	6 28	4 28	0 S. 40	4 30	10 58	4 7	
	Day increaf.	Length of Day.	Helioc. Plac. ♀	Helioc. Plac. ♀	Helioc. Plac. ♂	Helioc. Plac. ☉	Helioc. Plac. ♀	Helioc. Plac. ♂	Saturn fets.
1	3 11	10 55	29 57	15 15	8 42	11 29	27 30	2 11	3 M 8
2	3 35	11 19	3 11	15 42	11 58	17 29	7 3	8 11	2 46
3	3 59	11 43	3 24	16 10	15 27	23 28	16 34	16 25	2 25
4	4 23	12 7	3 38	16 37	18 37	29 26	26 4	19 58	2 5
5	4 47	12 31	3 51	17 4	22 0	5 22	5 34	18 7	1 44

# March 1768.

Day	Daylig begins.	Daylig. ends.	Durat. Twilig.	Node in v <sub>p</sub>	Lat. h South.	Lat. v North.	Lat. s South.	Lat. o North.	Lat. s South.
1	4 43	7 17	1 55	18 49	0 49	1 32	0 33	0 40	0 2
7	4 30	7 30	1 56	18 29	0 48	1 33	0 39	0 18	0 N.4
13	4 17	7 43	1 57	18 10	0 47	1 34	0 45	0 S. 4	2
19	4 4	7 56	1 58	17 50	0 46	1 35	0 51	0 24	3
25	3 50	8 10	2 0	17 31	0 45	1 35	0 58	0 43	3 2
Day	☉ d. m. f.	☿ d. m. f.	♂ d. m. f.	♂ d. m. f.	♂ d. m. f.	♂ d. m. f.	♂ d. m. f.	♂ d. m. f.	♂ d. m. f.
1	11 29 25	18 12	2 S 23	26 51	22 3	13 8	0 45	23 1	
2	12 29 29	12 24	3 17	26 51	21 58	13 50	1 56	25 5	
3	13 29 31	12 28	4 2	26 52	21 54	14 33	3 7	26 5	
4	14 29 31	24 26	4 35	26 52	21 49	15 16	4 18	28 35	
5	15 29 29	6 21	4 57	26 53	21 44	15 58	5 29	0 V 24	
6	16 29 26	18 13	5 5	26 54	21 39	16 41	6 40	2 6	
7	17 29 21	0 5	5 0	26 55	21 3	17 24	7 51	3 46	
8	18 29 13	12 0	4 43	26 56	21 20	18 6	9 2	5 12	
9	19 29 4	24 0	4 1	26 58	21 23	18 49	10 14	6 46	
10	20 28 53	6 5	3 30	26 59	21 18	19 32	11 21	8 9	
11	21 28 40	18 30	2 38	27 1	21 12	20 14	12 37	9 27	
12	22 28 25	10 10	1 36	27 2	21 6	20 57	13 48	10 40	
13	23 28 8	14 12	0 28	27 4	21 0	21 40	15 6	11 49	
14	24 27 49	27 39	0 N. 43	27 5	20 54	22 23	16 12	12 49	
15	25 27 27	11 39	1 5	27 7	20 47	23 5	17 23	13 42	
16	26 27 3	26 4	3 2	27 9	20 41	23 48	18 35	14 27	
17	27 26 37	10 57	3 58	27 11	20 35	24 31	19 47	15 3	
18	28 26 10	26 8	4 39	27 13	20 28	25 14	20 58	15 39	
19	29 25 41	11 27	5 0	27 16	20 22	25 57	22 10	15 49	
20	30 25 10	26 42	4 50	27 18	20 15	26 40	23 22	16 0	
21	1 24 36	11 42	4 38	27 20	20 9	27 23	24 30	16 6	
22	2 24 0	26 20	3 50	27 23	20 2	28 6	25 41	16 R 2	
23	3 23 23	10 28	3 0	27 25	19 55	28 49	26 58	15 51	
24	4 23 43	24 9	2 4	27 28	19 48	29 32	28 10	15 35	
25	5 23 1	7 24	0 57	27 32	19 40	0 15	29 22	15 13	
26	6 21 18	20 18	0 S. 11	27 35	19 33	0 58	0 30	14 44	
27	7 20 32	28 52	1 17	27 39	19 25	1 41	1 41	14 4	
28	8 19 44	15 11	2 18	27 42	19 18	2 24	2 58	13 2	
29	9 18 53	27 22	3 12	27 45	19 10	3 7	4 11	12 4	
30	10 18 0	9 23	3 56	27 49	19 3	3 50	5 2	11 5	
31	11 17 5	11 20	4 10	27 52	8 55	4 31	6 35	11 16	
Day	Jupiter rises.	Mars rises.	Venus rises.	Mercur sets.	D.c. } North.	D.c. } South.	D.c. } South.	D.c. } South.	D.c. } South.
1	9 A. 2	4 M 13	5 M 1	6 A. 31	22 30	7 11	3 22	19 2	3
7	8 37	4 7	4 59	7 14	22 30	6 50	22 59	13 5	2 N 1
13	8 12	4 0	4 57	7 46	22 40	6 46	22 28	6 26	6 3
19	7 46	3 52	4 53	7 47	12 41	6 30	21 49	14 37	9
25	7 20	3 43	4 47	7 19	22 43	6 14	21 4	2 23	9 1

April hath XXX Days.

White.

The LUNATIONS.

Full Moon the 2d Day, 51 Minutes after 7 in the Morning.  
 Last Quarter the 10th Day, 3 Minutes past 8 in the Morning.  
 New Moon the 16th Day, 24 Minutes after Midnight.  
 First Quarter the 23d Day, 16 Minutes after 9 at Night.

Sundays and other remarkable Days.	Sun rises.	Sun sets.	Dec. ☉ North.	Dec. ☽ South.	Moon sets.	Moon South.	Clock bef. Sun	
Good Friday.	5 31	6 30	4 51	5 43	4 M 43	11 A 38	3 49	
	5 29	6 32	5 14	10 32	rises.	Morn.	3 31	
Easter Day.	5 27	6 34	5 37	14 59	8 A. 25	0 20	3 13	
After Monday.	5 25	6 36	6 0	18 51	9 36	1 2	2 55	
After Tuesday.	Old Lady Day.		6 23	22 5	10 43	1 47	2 37	
	5 21	6 40	6 4	24 10	11 47	2 37	2 19	
	5 19	6 42	7 8	25 14	Morn.	3 28	2 2	
	5 17	6 44	7 30	25 6	0 44	4 20	1 45	
	5 16	6 45	7 52	23 39	1 30	5 13	1 28	
Low Sunday.	5 14	6 47	8 15	20 57	2 6	6 6	1 11	
	5 12	6 49	8 37	17 3	2 36	6 59	0 54	
	5 10	6 51	8 58	12 9	2 59	7 51	0 38	
Oxf. and C. T. beg.	5 8	6 53	9 20	6 26	3 20	8 42	0 22	
	5 6	6 55	9 42	0 13	3 38	9 33	0 6	
	5 4	6 57	10 3	6 N. 10	3 57	10 26	0 9	
	5 2	6 59	10 24	12 15	sets.	11 21	0 24	
2. S. after Easter.	5 0	7 1	10 45	17 36	8 A. 21	0 A. 20	0 38	
	4 58	7 3	11 6	21 45	9 48	1 20	0 52	
Alphege A. Cant.	4 57	7 4	11 27	24 20	11 6	2 22	1 5	
Term begins.	4 55	7 6	11 47	25 14	Morn.	3 22	1 18	
	4 53	7 8	12 8	24 31	0 9	4 21	1 31	
	4 51	7 10	12 28	22 23	0 55	5 18	1 43	
St. George.	4 49	7 12	12 48	19 8	1 29	6 10	1 55	
3 S. after Easter.	4 48	7 13	13 8	15 5	1 54	6 57	2 6	
St. Mark.	4 46	7 15	13 27	10 29	2 12	7 41	2 17	
	4 44	7 17	13 46	5 35	2 28	8 23	2 27	
	4 42	7 19	14 5	0 31	2 42	9 3	2 37	
	4 41	7 20	14 24	4 S. 31	2 57	9 43	2 46	
	4 39	7 22	14 42	9 23	3 11	10 24	2 55	
	4 37	7 24	15 1	13 54	3 26	11 8	3 4	
Day increaf.	Length of Day.	Helioc. Plac. ♄	Helioc. Plac. ♃	Helioc. Plac. ♉	Helioc. Plac. ♈	Helioc. Plac. ♊	Helioc. Plac. ♋	Saturn sets.
1 5 15	12 59	4 7	17 36	25 4 59	12 16	16 38	14 57	1 M 21
7 5 39	13 2	4 21	8 3	29 2	18 10	26 7	4 M 29	1 0
3 6 1	13 4	4 34	18 30	2 V 4	14 2	5 36	22 6	0 40
9 6 23	14 7	4 48	18 55	6 25	29 53	15 5	8 46	0 20
5 6 45	14 29	5 1	19 28	9 58	5 M 44	24 34	25 17	11 A 57

April 1768.

Day	Daylig. begins.	Daylig. ends.	Durat. Twilig.	Node in Vy	Lat. I. South.	Lat. V. North.	Lat. S. South.	Lat. Q. South.	Lat. Q. North.
1	3 33	8 27	2 3	17 5	0 44	1 35	1 5	1 1	2 31
7	3 17	8 43	2 8	16 50	0 43	1 35	1 12	1 14	1 1
13	3 2	8 58	2 11	16 31	0 42	1 36	1 10	1 25	0 S. 34
19	2 47	9 13	2 15	16 17	0 41	1 35	1 26	1 33	1 49
24	2 26	9 34	2 25	15 54	0 40	1 34	1 33	1 38	2 37
Day	☉ d. m.	☿ f.	♂ d. m.	♂ Lat.	♂ II	♂ V. R.	♂ S. m.	♀ S. m.	♀ R. V.
1	12 16 9	3 15	48. 5	17 56	18 48	5 16	7 47	10 22	
2	13 15 11	5 6	5 C	17 59	18 40	5 59	8 59	9 34	
3	14 14 10	4 56	4 56	18 3	18 32	6 42	10 11	8 47	
4	15 13 8	8 m 53	4 35	18 7	18 25	7 26	11 23	8 2	
5	16 12 4	10 57	4 9	18 11	18 17	8 8	12 36	7 20	
6	17 10 56	2 2 55	3 29	18 15	18 10	8 51	13 48	6 40	
7	18 9 47	15 5	3 38	18 20	18 2	9 34	15 0	6 7	
8	19 8 36	17 30	1 39	18 24	17 55	10 17	16 12	5 36	
9	20 7 23	10 v 6	0 35	18 28	17 47	11 0	17 25	5 10	
10	21 6 9	23 4	0 N. 34	18 33	17 39	11 43	18 37	4 49	
11	22 4 52	6 m 24	1 43	18 37	17 32	12 26	19 49	4 32	
12	23 3 34	20 12	2 48	18 42	17 24	13 9	21 2	4 21	
13	24 2 13	4 3 29	3 4	18 47	17 16	13 52	22 14	4 15	
14	25 0 50	19 9	4 28	18 52	17 9	14 35	23 26	4 13	
15	25 59 25	4 v 16	4 55	18 57	17 1	15 18	24 39	4 D. 20	
16	26 57 58	19 34	5 0	29 2	16 54	16 1	25 51	4 30	
17	27 56 30	4 53	4 45	29 7	16 49	16 44	27 4	4 44	
18	28 55 0	20 2	4 9	29 12	16 39	17 27	28 16	5 3	
19	29 53 28	4 II 50	3 17	29 17	16 31	18 10	29 29	5 27	
20	30 51 53	19 11	2 14	29 22	16 23	18 53	30 v 42	5 58	
21	1 50 17	3 0	1 5	29 28	16 16	19 36	1 54	6 31	
22	2 48 39	16 22	0 S. 6	29 33	16 9	20 19	3 7	7 5	
23	3 47 0	29 19	1 14	29 38	16 2	21 2	4 20	7 43	
24	4 45 18	11 54	2 17	29 44	15 55	21 4	5 32	8 27	
25	5 43 35	24 11	3 12	29 49	15 48	22 28	6 45	9 15	
26	6 41 50	6 m 18	3 57	29 55	15 41	23 11	7 58	10 6	
27	7 40 3	18 16	4 31	0 0	15 35	23 54	9 10	11 0	
28	8 38 14	0 10	4 53	0 6	15 28	24 37	10 23	11 58	
29	9 36 23	12 2	5 5	0 12	15 21	25 20	11 35	12 58	
30	10 34 31	23 55	4 59	0 18	15 15	26 2	12 48	14 1	
Day	Jupiter rises.	Mars rises.	Venus rises.	Mercur rises.	Dec. h North.	Dec. V. South.	Dec. S. South.	Dec. Q. South.	Dec. Q. North.
1	6 A. 51	3 M. 32	4 M. 39	rises.	22 44	5 55	20 2	9 37	6 28
2	sets	3 21	4 31	4 M. 54	22 45	5 37	19 2	7 3	2 56
13	5 M. 16	3 9	4 22	4 44	22 47	5 19	17 57	4 23	1 14
19	4 52	2 58	4 13	4 26	22 48	5 2	16 47	1 37	0 28
2	4 28	2 46	4 3	4 15	22 49	4 48	15 31	1 N. 11	1 17

May hath XXXI Days.

White.

The LUNATIONS.

Full Moon the 1st Day, 28 Minutes after Midnight.

Last Quarter the 9th Day, at 6 in the Afternoon.

New Moon the 16th Day, 19 Minutes past 8 in the Morning.

First Quarter the 23d Day, 3 Minutes past Noon.

Full Moon the 31st Day, 9 Minutes past 3 in the Afternoon.

M	Sundays and other	Sun	Sun	Dec. ☉	Dec. ☾	Moon	Moon.	Clock
D	Remarkable Days.	rises.	sets.	North.	South.	sets.	South.	aft. Sun
1	S. after Easter.	St. Phil.	and Ja.	15 19	17 57	3 M 45	11 A 55	3 12
2		4 34	7 27	15 37	21 12	rises.	Morn.	3 20
3	Inv. of the Crofs.	4 37	7 29	15 54	23 36	9 A. 45	0 41	3 27
4		4 30	7 31	16 12	24 56	10 46	0 30	3 33
5		4 29	7 32	16 29	25 4	11 35	2 22	3 30
6	St. John A. P. L.	4 27	7 34	16 45	23 54	Morn.	3 1	3 44
7		4 25	7 36	17 2	21 30	0 13	4 8	3 48
8	Rogation Sunday.	4 24	7 37	17 18	17 58	0 44	4 59	3 52
9		4 22	7 39	17 34	13 27	1 8	5 50	3 55
10		4 21	7 40	17 50	8 9	1 28	6 40	3 58
11		4 19	7 42	18 5	2 17	1 46	7 20	4 0
12	Holy Thursday.	Old May Day.		18 20	3 N. 50	2 4	8 18	4 1
13		4 16	7 43	18 35	9 52	2 22	9 9	4 1
14		4 14	7 47	18 49	15 25	2 44	10 3	4 2
15	S. after Easter.	4 13	7 48	19 3	20 2	3 9	11 3	4 2
16	Term ends.	4 11	7 50	19 17	23 18	sets.	0 A. 6	4 2
17		4 10	7 51	19 30	24 57	9 A. 53	1 8	4 1
18		4 8	7 53	19 44	24 52	10 47	2 9	3 59
19	Q. Char. birth:	Oxf. T. ends.		19 57	23 15	11 27	3 10	3 57
20		4 5	7 56	20 9	20 12	11 56	4 3	3 54
21		4 4	7 57	20 21	16 17	Morn.	4 5	3 50
22	Whit Sunday.	4 3	7 58	20 33	11 44	0 18	5 38	3 46
23	Whit Monday.	4 2	7 59	20 44	6 51	0 36	6 22	3 41
24	Whit Tuesday.	4 0	8 1	20 55	1 48	0 50	7 1	3 36
25	Ember Week.	3 59	8 2	21 6	3 S. 17	1 4	7 4	3 30
26	August. A Cant.	3 58	8 3	21 16	8 11	1 18	8 2	3 24
27	Ven. Bede.	3 57	8 4	21 26	12 47	1 32	9 5	3 19
28		3 56	8 5	21 36	16 56	1 45	9 48	3 17
29	Trinity Sunday.	K. Ch. II. Rest.		21 45	20 25	2 10	10 3	3 4
30		3 54	8 7	21 54	23 4	2 36	11 24	2 56
31		3 53	8 8	22 2	24 40	rises.	Morn.	2 48
Days	Day	Length	Helioc	Helioc	Helioc	Helioc	Helioc	Saturn
	increas.	of Day	Place ♀	Pla. ♀	Place ♂	Place ☉	Place ♀	sets.
1	7 7	14 15	50 15	19 52	13 33	11 33	4 4	11 A. 37
2	7 7	15 11	5 28	20 19	17 9	17 21	13 85	11 17
3	7 25	15 29	5 42	20 47	20 47	23 8	21 7	10 58
4	8 4	15 47	5 55	21 14	24 27	28 54	2 V 39	10 37
5	8 19	16 3	6 9	21 41	28 8	4 39	12 13	10 15



# May 1768.

Daylig. begins.	Daylig. ends.	Durat. Twilig.	Node Jn Vy	Lat. 1. South.	Lat. 1. North.	Lat. 6. South.	Lat. 6. North.	Lat. 1. South.	Lat. 1. North.
2 6	9 57	2 37	15 35	0 39	1 3	1 40	4 43	2 59	
1 44	10 19	2 43	5 17	0 38	1 32	1 47	1 40	2 57	
1 19	10 4	3 5	14 59	0 38	1 31	1 54	1 37	2 35	
0 45	11 2	3 12	14 40	0 37	1 30	2 1	1 31	1 53	
NoN g	NoNig	NoNig.	14 22	0 36	1 28	2 8	1 23	0 54	
☉	☿	♂	♂	♂	♂	♂	♂	♂	♂
d.	m.	f.	D	m	Lat	h	m	Lat	h
11	32	37	5	51	4S. 43	0	24	15	9
12	30	41	17	50	4 14	0	30	15	27
13	28	44	29	5	3 32	0	36	14	56
14	26	45	12 8	2 41	0 43	14	50	28	54
15	24	44	24 29	1 41	0 49	14	44	29	37
16	22	42	7 57	0 37	0 56	14	38	30	19
17	20	38	19 4	ON. 31	1 2	14	31	1 2	21
18	18	32	2 16	1 40	1 8	14	28	1 4	24
19	16	25	16 7	2 44	1 15	14	23	2 27	23
20	14	16	29 50	3 41	1 21	14	18	3 10	25
21	12	6	13 34	4 26	1 28	14	13	3 52	26
22	9	55	28 2	4 56	1 34	14	8	4 35	27
23	7	43	13 7	5 7	1 41	14	3	5 17	28
24	5	29	28 7	4 58	1 48	13	59	5 59	29
25	3	12	13 17	4 27	1 54	13	54	6 42	30
26	0	50	8 1	3 38	2 1	13	50	7 24	31
27	58	38	12 11	2 36	2 8	13	46	8 6	32
28	56	18	17 19	1 25	2 15	13	42	8 49	33
29	53	57	1 15	0 30	2 22	13	38	9 31	34
30	51	34	24 47	1 S. 3	2 29	13	35	10 13	35
31	49	10	7 14	2 10	2 36	13	31	10 5	36
1	46	45	20 24	3 9	2 43	13	27	11 38	37
2	44	19	2 45	3 57	2 50	13	24	12 20	38
3	41	52	14 52	4 34	2 57	13	21	13 2	39
4	39	25	26 51	4 59	3 4	13	19	13 44	40
5	36	56	8 14	5 10	3 11	13	17	14 21	41
6	34	26	20 37	5 8	3 19	13	15	15 8	42
7	31	55	32 32	4 53	3 26	13	13	15 49	43
8	29	22	14 32	4 25	3 34	13	11	16 3	44
9	26	48	6 40	3 45	3 41	13	9	17 13	45
10	24	12	8 55	3 54	3 49	13	8	17 5	46
Jupiter sets	Mars rises.	Venus rises.	Arcu rises.	Dec. 1. North.	Dec. 1. South.	Dec. 6. South.	Dec. 6. North.	Dec. 1. North.	Dec. 1. South.
4M 5	2M 3	3M 33	4M 5	22 50	4 34	14 10	3 59	3 15	
3 41	2 18	3 43	3 54	22 51	4 41	12 48	6 46	6 7	
3 17	2 2	3 33	3 46	22 50	4 10	11 21	9 28	9 38	
2 52	1 45	3 22	3 35	22 51	4 0	9 5	12 4	13 37	
2 27	1 32	3 11	3 24	22 51	3 53	8 37	12 30	17 41	

# June hath XXX Days.

# White.

## The LUNATIONS.

Last Quarter the 7th Day, 26 Minutes past Midnight.  
 New Moon the 14th Day, 22 Minutes after 4 in the Afternoon.  
 First Quarter the 22d Day, 1 Minute, past 4 in the Morning.  
 Full Moon the 30th Day, 35 Minutes after 3 in the Morning.

Sundays & other M. remarkable Days		Sun rises.	Sun sets.	Dec. ☉ North.	Dec. ☽ South.	Moon rises.	Moon South.	Clock aft. Sun
1 Oct. Term beg.		3 5	8 9	22 10	25 1	9 A. 30	0 M. 16	2 39
2 Corpus Christi.		3 51	8 9	22 18	24 12	10 12	1 10	2 30
3 K. Geo. III. bo.		3 56	8 10	22 25	22 2	10 45	2 2	2 21
4 Sun. aft. Trin.		3 46	8 11	22 32	18 43	11 11	2 56	2 11
5		3 48	8 12	22 39	14 23	11 31	3 46	2 1
6		3 47	8 13	22 45	9 17	11 51	4 35	1 50
7		3 47	8 13	22 51	3 37	Morn.	5 24	1 39
8		3 46	8 14	22 56	2 N 17	0 7	6 11	1 28
9 Mrs. Amelia bo.		3 46	8 14	23 1	8 12	0 24	7 0	1 16
10 St. Barnabas		3 46	8 14	23 5	13 43	0 42	7 51	1 4
11 Sun. aft. Trin.		3 45	8 15	23 10	18 34	1 4	8 45	0 52
12		3 4	8 15	23 13	22 14	1 34	9 43	0 40
13		3 45	8 15	23 17	24 29	2 13	10 43	0 27
14		3 4	8 16	23 19	25 5	sets	11 45	0 15
15		3 46	8 16	23 22	23 50	9 A. 15	0 A. 48	0 2
16		3 44	8 16	23 24	21 27	9 51	1 46	0 10
17 St. Alban Mart.		3 44	8 16	23 26	17 48	10 15	2 38	0 23
18 Sun. aft. Trin.		3 43	8 17	23 27	13 47	10 34	3 25	0 36
19		3 43	8 17	23 28	8 28	10 50	4 10	0 49
20 Tr. Edw. K. W. Sa		3 43	8 17	23 28	3 21	11 4	4 53	1 1
21 Term ends.		3 4	8 17	23 28	1 S. 47	11 19	5 33	1 14
22		3 43	8 17	23 28	6 49	11 33	6 14	1 27
23 St. John Baptist.		3 43	8 17	23 27	11 32	11 50	6 55	1 40
24		3 43	8 17	23 26	15 48	Morn.	7 39	1 52
25 Sun. aft. Trin.		3 44	8 16	23 24	19 29	0 9	8 23	2 5
26		3 44	8 16	23 22	22 24	0 32	9 11	2 17
27		3 44	8 16	23 20	24 20	1 4	10 3	2 30
28 St. Peter & Paul.		3 41	8 16	23 17	25 7	1 46	10 57	2 42
29		3 41	8 15	23 13	24 35	2 39	11 52	2 54
30		3 4	8 15	23 10	22 45	rises.	Morn.	3 6
Day increas.	Length of Day	Helio. Place ♀	Helio. Place ♀	Helio. Place ♂	Helio. Place ☉	Helio. Place ♀	Helio. Place ♀	Satura fers.
1 8 33	16 17	6 24	12 13	22 28	11 12	23 24	36 27	9 A 50
7 8 42	16 26	6 31	22 40	6 12	17 6	3 0	42 9	9 29
13 8 46	16 30	6 51	13 7	9 57	22 49	12 36	48 30	9 7
19 8 50	16 34	7 5	23 3	13 43	28 33	22 13	54 29	8 4
25 8 50	16 32	7 19	24 2	17 30	44 16	1 52	58 14	8 23

# June 1768.

Day	Daylig begins	Daylig. ends.	Durat. Twilig	Noon In V	Lat. h South	Lat. V North.	Lat. S South.	Lat. Q South.	Lat. Q North.
1				14 0	0 3	1 26	2 16	1 12	0 18
7	All Day Light.	All Day Light.	All Day Light.	13 42	0 3	1 25	2 25	1 0	1 14
13				13 24	0 3	1 23	2 29	0 47	1 49
19				13 6	0 34	1 22	2 36	0 33	1 58
25				12 48	0 35	1 20	2 42	0 19	1 43
Day	d.	h.	m.	Lat.	h	m	h	m	h
1	11	21	36	21 22	12 54	3 56	13 6	18 36	21 38
2	12	18	59	3 59	0 47	4 3	13 5	19 17	22 51
3	13	16	22	10 23	ON	4 11	13 4	19 59	24 4
4	14	13	44	29 50	1 33	4 18	13 3	20 40	25 17
B	15	11	5	17 6	2 40	4 26	13 2	21 21	26 30
6	16	8	25	26 30	3 39	4 33	13 1	22 3	27 43
7	17	5	45	10 21	4 26	4 41	13 1	22 44	28 56
8	18	3	4	24 22	4 59	4 49	13 0	23 25	0 9
9	19	0	22	8 35	5 15	4 50	13 0	24 6	1 22
10	19	57	40	23 2	5 10	5 4	13 0	24 46	2 35
11	20	54	57	7 38	4 46	5 12	13 D. 1	25 27	3 48
B	21	52	13	12 18	4 2	5 19	13 1	26 8	5 2
13	22	49	28	6 4	3 4	5 27	13 2	25 48	6 15
14	23	46	43	21 23	1 54	5 33	13 3	27 28	7 28
15	24	43	53	5 31	0 38	5 42	13 4	28 9	8 42
16	25	41	12	19 19	0 S. 38	5 50	13 5	28 49	9 54
17	26	38	26	2 15	1 50	5 58	13 6	29 29	11 8
18	27	35	39	15 48	2 55	6 5	13 8	0 9	12 21
B	28	32	52	28 30	3 49	6 13	13 10	0 42	13 34
20	29	30	4	10 54	4 30	6 21	13 12	1 28	14 47
21	30	27	16	23 4	4 59	6 29	13 14	2 7	16 0
22	1	24	28	5 4	5 15	6 36	13 16	2 46	17 14
23	2	21	40	10 59	5 16	6 44	13 19	3 26	18 27
24	3	18	52	28 52	5 5	6 52	13 21	4 5	19 40
25	4	16	4	10 50	4 40	7 0	13 24	4 44	20 54
B	5	13	15	22 53	4 2	7 8	13 27	5 23	22 7
27	6	10	26	5 8	3 13	7 16	13 30	6 1	23 20
28	7	7	37	17 34	2 14	7 23	13 34	6 40	24 34
29	8	4	47	0 17	1 7	7 31	13 37	7 19	25 47
30	9	1	58	13 12	ON	7 39	13 41	7 57	27 0
Day	Jupiter sets.	Mars rises.	Venus rises.	Merc. rises.	Dec. h North.	Dec. m South.	Dec. s South.	Dec. Q North.	Dec. V North.
1	1M 58	1M 13	3M 3	3M 37	22 10	3 52	0 36	17 3	22 0
7	1 33	0 56	2 56	sets.	22 49	3 51	5 4	18 59	24 26
13	1 8	0 38	2 51	9A 17	22 48	3 53	3 33	10 38	25 16
19	0 43	0 20	2 48	9 39	22 46	3 57	2 4	11 56	24 32
25	0 16	0 3	2 48	9 43	22 45	4 5	0 36	22 51	22 40

# July hath XXXI Days: White.

## The LUNATIONS.

Left Quarter the 7th Day, 52 Minutes past 4 in the Morning.  
 New Moon the 14th Day, 45 Minutes after 1 in the Morning.  
 First Quarter the 21st Day, 52 Minutes past 8 in the Afternoon.  
 Full Moon the 28th Day, 21 Minutes past 2 in the Afternoon.

M	Sundays & other D. remarkable Days.	Sun rises.	Sun sets.	Dec. ☉ North.	Dec. ☾ South.	Moon rises.	Moon South.	Clock bef. Sun	
1		3 45	8 15	23 6	19 39	9 A. 9	4 M 45	3 18	
2	Vlā. B. V. Mary.	3 46	8 14	23 1	15 29	9 31	1 36	3 29	
3	5 Sun. aft. Trin.	3 46	8 14	22 56	10 29	9 51	2 26	3 39	
4		3 47	8 13	22 51	4 50	10 9	3 15	3 50	
5	Camb. Commenc.	O. M. d. f. m. Day	22 41	IN 4	10 26	4 4	4 0		
6		3 48	8 12	22 39	6 59	10 43	4 52	4 11	
7	Thomas à Beck.	3 49	8 11	22 33	12 29	11 4	5 41	4 21	
8	Camb. T. ende.	3 40	8 10	22 26	17 25	11 30	6 33	4 30	
9		3 51	8 9	22 18	21 22	Morn.	7 27	4 38	
10	6 Sun. aft. Trin.	3 52	8 8	22 11	23 59	0 4	8 26	4 47	
11	Oxford Act.	3 53	8 7	22 3	25 5	0 49	9 26	4 55	
12		3 54	8 6	21 54	24 35	1 47	10 27	5 3	
13		3 55	8 5	21 46	22 34	2 58	11 25	5 10	
14		3 56	8 4	21 36	19 18	4 fets.	0 A 21	5 17	
15	Swirhun B. Wine	3 57	8 3	21 27	14 59	8 A. 4	1 12	5 21	
16	Oct. Term ends.	3 58	8 2	21 17	10 19	8 51	1 58	5 29	
17	7 Sun. aft. Trin.	3 59	8 1	21 7	5 10	9 7	2 42	5 34	
18		4 0	8 0	20 50	0 S. 0	9 21	3 24	5 39	
19		4 2	7 58	20 45	5 8	9 36	4 5	5 43	
20	Margaret V. & M.	4 3	7 57	20 34	9 59	9 51	4 47	5 47	
21		4 4	7 56	20 22	14 26	10 9	5 29	5 50	
22	Q. Denmark bo.	St. Ma. Magdal.	20 10	18 19	10 31	10 10	6 13	5 52	
23		4 7	7 53	19 58	21 30	10 58	7 1	5 54	
24	8 Sun. aft. Trin.	4 8	7 52	19 4	23 46	11 55	7 50	5 56	
25	St. James.	4 10	7 50	19 32	24 58	Morn.	8 42	5 57	
26	St. Anna. B. V. M.	4 11	7 49	19 19	24 55	0 25	9 35	5 57	
27		4 12	7 48	19 5	23 33	1 25	10 29	5 57	
28		4 14	7 46	18 51	20 53	2 36	11 24	5 56	
29		4 15	7 45	18 37	16 58	rises.	Morn.	5 54	
30	Dog-Days begin.	4 17	7 43	18 23	12 6	7 A. 54	0 17	5 52	
31	9 Sun. aft. Trin.	4 18	7 42	18 7	6 32	8 13	1 9	5 49	
Day	Day Secref.	Length of Day.	Helio. Plac. 1.	Helio. Plac. 2.	Helio. Plac. 3.	Helio. Plac. 4.	Helio. Plac. 5.	Helio. Plac. 6.	Saturn rises.
1	0 4	16 30	7 32	24 20	21 18	9 59	11 32	25 8	3 M 40
7	0 12	16 22	7 46	24 56	25 6	15 42	21 13	13 33	3 18
13	0 24	16 10	7 59	25 24	28 54	21 25	0 55	0 4 30	2 57
19	0 38	15 56	8 13	25 51	2 45	7 9	10 37	19 32	2 37
25	0 54	15 40	8 26	26 12	6 31	2 53	20 21	3 49	2 16

# July 1768.

Days	D. ying beg n	D. ying ende.	D. r. t. Twelve	Nude in W	South	Lat. N North.	Lat. S South.	Lat. Y S. utn.	Lat. Q North.
1	All	All	All	12 30	0 5	1 18	2 41	0	1 4
7	Day	Day	Day	12 12	0 3	1 17	2 52	0 N 10	0 8
13	Light.	Light.	Light.	11 54	0 32	1 1	2 58	0 24	13. 8
19	0 4	11 7	3 20	11 36	0 32	1 14	3 3	0 58	6 34
25				11 18	0 31	1 23	3 7	0 56	5 19
Days	d. m.	h.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.
1	9	59	8	26 24	1 N. 17	7 47	3 4	8 36	8 14
2	10	56	19	9 50	2 26	7 55	3 49	9 14	29 27
B	11	53	30	23 29	3 29	8 3	3 52	9 52	0 4 7
4	12	50	41	7 19	4 20	8 11	3 58	10 29	1 54
5	13	47	52	21 18	4 57	8 18	4 7	11 7	3 3
6	14	45	3	5 25	5 15	8 26	4 6	11 44	4 21
7	15	42	14	19 36	5 15	8 34	4 1	12 21	5 35
8	16	39	26	10 50	4 56	8 42	4 10	12 58	6 49
9	17	36	38	18 4	4 19	8 45	4 21	13 35	7 14
B	18	33	51	4 17	3 26	8 57	4 26	14 8	8 25
11	19	31	3	16 26	2 20	9 5	4 3	14 48	10 10
12	20	28	16	0 24	1 7	9 12	4 37	15 24	11 43
13	21	25	29	14 10	0 S. 9	9 20	4 42	16 0	12 37
14	22	22	41	27 42	1 24	9 28	4 48	16 51	13 24
15	23	19	58	10 56	2 32	9 35	4 54	17 18	14 19
16	24	17	13	23 52	3 30	9 43	5 0	17 47	15 14
B	25	14	29	8 31	4 17	9 51	5 6	18 22	16 10
18	26	11	44	18 54	4 50	9 58	5 13	18 57	17 5
19	27	9	0	1 2	5 10	10 6	5 19	19 31	18 40
20	28	6	7	13 3	5 16	10 14	5 26	20 5	19 33
21	29	3	35	24 59	5 9	10 21	5 32	20 39	20 27
22	30	0	53	6 48	4 48	10 29	5 39	21 13	21 14
23	0	58	12	18 49	4 15	10 37	5 46	21 46	22 8
B	1	55	38	0 54	3 30	10 44	5 54	22 19	22 39
25	2	52	53	13 11	2 35	10 52	6 1	22 53	23 45
26	3	50	14	25 46	1 31	10 59	6 9	23 2	24 14
27	4	47	36	8 37	0 21	11 7	6 16	23 37	25 28
28	5	44	59	21 50	0 N 51	11 14	6 24	24 29	26 31
29	6	41	23	5 23	2 3	11 21	6 32	25 1	27 32
30	7	39	48	19 15	3 9	11 29	6 40	25 32	28 35
B	8	37	14	7 23	4 4	11 36	6 48	26 3	29 38
Days	Jupiter set.	M. 18 rises.	V. 18 rises.	Mercur sets	Dec. 1 North	Dec. 1 South.	Dec. 2 North.	Dec. 2 North.	Dec. 3 North.
1	11 A. 51	11 A. 42	2 M. 51	9 A. 35	22 42	4 21	0 51	23 23	20 5
7	11 27	11 24	2 58	9 28	22 39	4 25	1 14	23 32	17 28
13	11 3	11 6	3 6	9 7	22 37	4 39	2 34	23 1	14 29
19	10 40	10 49	3 18	8 42	22 31	4 55	4 50	22 34	12 4
25	10 17	10 32	3 34	8 4	22 31	5 12	6 0	21 28	10 38

# August hath XXXI Days. White.

## The LUNATIONS.

Last Quarter the 5th Day, 12 Minutes after 9 in the Morning.  
 New Moon the 12th Day, 14 Minutes past 1 in the Afternoon.  
 First Quarter the 20th Day, 18 Minutes past 2 in the Afternoon.  
 Full Moon the 27th Day, 52 Minutes after 11 at Night.

M.D.	Sundays & other remarkable Days.	Sun rises.	Sun sets.	Dec. ☉ North.	Dec. ☉ South.	Moon rises.	Moon South.	Clock at Sun.	
1	Lammas Day.	4 19	7 40	17 52	0 35	8A. 31	1M 50	5 45	
2		4 20	7 39	17 37	5 N 31	8 49	2 48	5 41	
3		4 22	7 37	17 21	11 14	9 10	3 35	5 36	
4		4 23	7 36	17 5	16 20	9 34	4 31	5 31	
5		4 25	7 34	16 49	20 30	0 7	5 26	5 26	
6	Tranquillization.	4 27	7 32	16 32	23 26	0 46	6 23	5 20	
7	10 Sun. aft. Trin.	4 28	7 31	16 16	24 54	11 39	7 20	5 13	
8		4 30	7 29	15 58	24 49	Morn.	8 19	5 6	
9		4 31	7 28	15 41	23 16	0 44	9 16	4 58	
10	St. Lawrence M.	4 33	7 26	15 23	20 27	1 58	10 17	4 49	
11	Frs. Brunsw. born.	4 35	7 24	15 5	16 3	3 16	11 4	4 39	
12	Pr. Wales born.	O. Lammas Day.	14 47	12 1	12 1	11 53	4 29	4 29	
13		4 38	7 21	14 29	7 1	7A. 15	OA. 37	4 18	
14	11 Sun. aft. Trin.	4 40	7 19	14 10	1 4	7 30	1 21	4 7	
15	Assump. B. V. M.	4 42	7 17	13 51	3S. 2	7 46	2 4	3 56	
16	Pr. Fred. born.	4 44	7 15	13 32	8 19	7 59	2 46	3 44	
17		4 45	7 14	13 13	12 54	8 18	3 27	3 32	
18		4 47	7 12	12 54	17 0	8 37	4 11	3 19	
19		4 49	7 10	12 34	20 33	9 2	4 57	3 6	
20		4 51	7 8	12 14	22 58	9 35	5 46	2 52	
21	12 Sun. aft. Trin.	Pr. W. Hen. born.	11 54	24 32	10 17	6 36	2 37	2 37	
22		4 55	7 4	11 34	24 58	1 12	7 28	2 22	
23		4 56	7 3	11 13	24 7	Morn.	8 21	2 7	
24	St. Bartholomew.	4 58	7 1	10 53	22 0	0 17	9 15	1 51	
25		5 0	6 59	10 32	18 37	1 32	10 9	1 35	
26		5 2	6 57	10 11	14 9	2 53	11 2	1 19	
27		5 4	6 55	9 50	8 46	3 rises.	11 52	1 2	
28	13 Sun. aft. Trin.	5 6	6 53	9 29	2 49	6A. 41	Morn.	0 44	
29	Decol. St. J. Bapt.	5 7	6 52	9 7	3N. 22	7 0	0 43	0 26	
30		5 9	6 50	8 46	9 23	7 19	1 36	0 8	
31		5 11	6 48	8 24	14 52	7 45	2 29	0 at 10	
Day	Day decreaf.	Length of Day.	Helioc. Place ♀	Helioc. Place ♀	Helioc. Place ♂	Helioc. Place ☉	Helioc. Place ♀	Helioc. Place ☉	Saturn rises.
1	1 13	15 21	8 42	26 50	10 57	9 55	1 54	24 46	1M 52
7	1 31	15 3	8 56	27 17	14 45	15 20	11 29	14 37	1 33
13	1 51	14 43	9 9	27 4	13 32	21 6	14 7	7 47	1 14
19	2 13	14 21	9 23	28 12	22 18	26 52	0 59	5 27	0 56
25	2 35	11 59	9 36	28 46	26 4	2 40	10 44	8 24	0 36

# August 1768.

Days	Day Hg begin	Day Hg end	Durat. Tw. lig.	Node n Vy	Lat. 1 South	Lat. 2 North.	Lat. 3 South.	Lat. 4 North.	Lat. 5 South.
1	1 23	10 34	2 58	10 5.	0 30	1 11	3 11	1 2	4 46
7	1 47	10 34	2 46	10 39	0 30	1 10	3 15	1 11	4 53
13	2 0	9 5	2 34	10 20	0 29	1 9	3 17	1 18	3 44
19	2 29	9 31	2 2	0 2	0 29	1 8	3 17	1 23	2 1
25	2 47	9 13	2 18	9 44	0 25	1 7	3 18	1 24	0 17
Days	☾ d.	☽ m.	☿ s.	☿ Lat.	☿ S	☿ N	☿ S	☿ N	☿ S
1	9 34 41	17 41	4N.4	11 43	16 56	26 34	6 19	20 27	
2	10 32 9	16 20	5 9	11 50	17 4	27 4	7 33	19 49	
3	11 29 38	16 20	5 12	11 57	17 13	27 34	8 47	19 6	
4	12 27 8	14 55	4 57	12 5	17 21	28 4	10 1	18 19	
5	13 24 39	14 55	4 24	12 12	17 30	28 33	11 15	17 31	
6	14 22 11	12 57	3 35	12 19	17 38	29 3	12 29	16 41	
B	15 19 45	12 50	2 34	12 26	17 47	29 32	13 43	15 50	
8	16 17 20	10 50	1 24	12 33	17 56	30 1	14 57	15 0	
9	17 14 56	10 50	0 11	12 40	18 5	0 29	16 11	14 12	
10	18 12 33	23 25	1S. 1	12 47	18 14	0 56	17 26	13 27	
11	19 10 11	6 34	2 9	12 53	18 23	1 23	18 40	12 47	
12	20 7 50	19 30	3 9	13 0	18 33	1 49	19 54	12 10	
13	21 5 31	21 13	3 59	13 7	18 42	2 15	21 8	11 38	
B	22 3 13	14 42	4 36	13 14	18 52	2 40	22 22	11 12	
15	23 0 57	27 0	4 59	13 20	19 3	3 5	23 37	10 52	
16	23 58 42	9 6	5 9	13 27	19 11	3 30	24 51	10 40	
17	24 56 28	21 4	5 5	13 34	19 21	3 54	26 5	10 35	
18	25 54 16	21 58	4 48	13 41	19 31	4 18	27 20	10 D37	
19	26 52 5	14 49	4 19	13 47	19 41	4 42	28 30	10 47	
20	27 49 56	26 45	3 38	13 53	19 51	5 5	29 48	11 4	
B	28 47 48	8 48	2 47	13 59	20 1	5 27	31 3	11 31	
22	29 45 42	21 4	1 48	14 6	20 12	5 49	2 17	12 6	
23	30 43 38	3 38	0 42	14 12	20 22	6 10	3 32	12 50	
24	1 41 35	16 32	0N.27	14 18	20 32	6 30	4 46	13 39	
25	2 39 34	29 53	1 38	14 24	20 43	6 50	6 1	14 34	
26	3 37 34	13 40	2 44	14 30	20 53	7 9	7 15	15 36	
27	4 35 36	27 53	3 43	14 36	21 4	7 28	8 30	16 45	
B	5 33 39	12 25	4 28	14 42	21 15	7 46	9 44	18 0	
29	6 31 44	27 9	4 57	14 47	21 26	8 3	10 59	19 20	
30	7 29 51	12 0	5 5	14 53	21 37	8 20	12 13	20 45	
31	8 28 0	26 46	4 54	14 59	21 48	8 36	13 28	22 15	
Days	Jupiter sets.	Mars rises.	V. nus rises.	Mercur. rises.	Dec. 1 North.	Dec. 2 South.	Dec. 3 North.	Dec. 4 North.	Dec. 5 North.
1	9A. 51	10A. 11	3M 54	rises. 22	28	5 35	7 10	9 44	10 17
7	9 3	9 54	4 13	4M 53	22	5 55	8 18	17 51	12 40
13	9 8	9 37	sets.	4 5	22	6 27	9 12	15 43	13 47
19	8 47	9 20	7A. 22	3 7	22	6 40	10 1	13 17	15 39
25	8 27	9 3	7 14	3 18	22	7 4	10 42	10 38	16 17

# September hath XXX Days. White.

## The LUNATIONS.

Left Quarter the 3d Day, 9 Minutes past 3 in the Afternoon.

New Moon the 12th Day, 20 Minutes past 3 in the Morning.

First Quarter the 19th Day, 35 Minutes after 7 in the Morning.

Full Moon the 26th Day, 2 Minutes past 6 in the Morning.

Calendar & other Remarkable Days.	Sun rises.	Sun sets.	Dec. ☉ North.	Dec. ☾ North.	Moon rises.	Moon South.	Clock ft. Sun	
1 G. the Abbot & C	5 23	6 4	8 2	19 24	3 A. 15	3 M. 24	0 29	
2	5 25	6 44	7 40	22 41	8 52	4 21	0 48	
3	5 27	6 42	7 18	24 31	9 42	5 19	1 7	
4 14 Sun. aft. Trin.	5 29	6 40	6 56	24 48	10 44	6 18	1 26	
5	5 21	6 38	6 33	23 37	11 55	7 17	1 25	
6	5 23	6 36	6 11	21 8	Morn.	8 14	2 5	
7 Day Days end.	5 25	6 34	5 48	17 36	1 10	9 6	2 25	
8 Nativ. B. V. Mary	5 27	6 32	5 26	13 17	2 26	9 5	2 46	
9	5 29	6 30	5 3	8 29	3 41	10 41	3 6	
10	5 31	6 28	4 40	3 24	4 52	11 24	3 27	
11 15 Sun. aft. Trin.	5 33	6 26	4 17	1 S. 44	5 P. 1	0 A. 7	3 47	
12	5 35	6 24	3 54	6 43	6 A. 14	0 45	4 8	
13	5 37	6 22	3 31	12 25	6 32	1 31	4 29	
14 Holy-Croce Day.	5 39	6 20	3 8	15 37	6 51	2 14	4 50	
15	5 41	6 18	2 45	19 15	7 16	2 59	5 11	
16	5 43	6 16	2 22	22 4	7 45	3 47	5 32	
17 Lambert B. & M.	5 45	6 14	1 58	23 55	8 22	4 31	5 53	
18 Sun. aft. Trin.	5 47	6 12	1 35	24 44	9 11	5 20	6 14	
19	5 48	6 11	1 12	24 32	10 10	6 10	6 35	
20	5 50	6 9	0 48	22 45	11 19	7 11	6 56	
21 St. Matthew.	Ember Week.		0 25	19 56	Morn.	8 4	7 16	
22 St. George II. Ch.	5 54	6 5	0 2	16 1	0 36	8 5	7 37	
23	5 56	6 3	OS. 22	11 7	1 55	9 46	7 57	
24	5 58	6 1	0 45	5 29	3 18	10 38	8 27	
25 17 Sun. aft. Trin.	6 0	5 59	1 9	ON. 39	4 44	11 31	8 37	
26 St. Cyprian.	6 2	5 57	1 32	6 48	Rises.	Morn	8 57	
27	6 4	5 55	1 56	12 39	5 A. 57	0 2	9 17	
28	6 6	5 53	2 19	17 42	6 23	1 20	9 36	
29 St. Michael.	Pre. Chan. Aug. Mat. bo.		2 31	31	6 59	2 20	9 56	
30 St. Jerome.	6 10	5 49	3 6	23 53	7 48	3 19	10 15	
31	6 12	5 47	3 29	26 56	8 37	4 10	10 35	
Day deceaf.	Length of Day.	Helio. Plac. ♄	Helio. Plac. ♀	Helio. Plac. ♂	Helio. Plac. ☾	Helio. Plac. ♀	Helio. Plac. ☾	S-turn rises.
1 3	13 33	9 32	29 12	0 25	9 26	22 12	52 11 49	0 M. 14
7 3	23 9	10 5	29 39	4 9	15 16	12 18	28 25	11 A. 52
13 3	49 12	10 19	0 6	7 50	21 7	11 30	0 12	12 33
19 4	11 23	10 33	0 34	11 30	26 59	21 10	26 36	12 13
25 4	35 41	10 49	1 1	15 9	27 52	0 49	18 36	10 54



# September 1768.

Days	Daylig begins	Daylig. ends.	Durat. Twilig.	Node D in V	Lat. ♄ South.	Lat. ♀ North.	Lat. ♂ South.	Lat. ♀ North.	Lat. ♀ North.
1	3 7	8 53	2 11	9 22	0 28	1 6	3 17	1 25	1 9
7	3 24	8 36	2 6	9 9	0 28	1 5	3 15	1 22	1 44
13	3 37	8 23	2 4	8 45	0 28	1 4	3 11	1 17	1 46
19	3 52	8 8	2 1	8 26	0 27	1 3	3 5	1 10	1 29
25	4 5	7 55	2 0	8 7	0 27	1 3	3 56	1 1	0 57
Days	⑨ d.	⑩ m.	⑪ f.	♄ Lat.	♄	♂	♀	♂	♀
1	9 26	10	11 21	4N.23	15 5	21 59	8 52	14 42	23 50
2	10 24	22	25 40	3 36	15 10	22 10	9 7	15 56	25 28
3	11 22	36	9 11 43	3 37	15 16	22 22	9 21	17 11	27 9
B	12 20	51	23 26	1 30	15 21	22 33	9 34	18 25	28 53
5	13 19	9	6 54	0 19	15 26	22 45	9 47	19 40	30 41
6	14 17	28	29 7	0 S.51	15 32	22 56	9 59	20 54	2 31
7	15 15	49	35 6	1 57	15 37	23 7	10 21	22 9	4 29
8	16 14	12	15 56	2 57	15 42	23 19	10 32	23 41	6 16
9	17 12	37	22 33	3 47	15 47	23 30	10 38	24 38	8 10
10	18 11	4	10 59	4 25	15 52	23 42	10 42	25 52	10 3
B	19 9	38	23 16	4 50	15 57	23 54	10 49	27 7	11 57
12	20 8	4	5 23	5 1	16 2	24 6	10 56	28 21	13 51
13	21 6	36	17 25	4 59	16 7	24 18	11 2	29 36	15 44
14	22 5	10	29 9	4 44	16 12	24 30	11 7	30 51	17 38
15	23 3	46	11 10	4 17	16 16	24 42	11 12	32 5	19 31
16	24 2	25	23 1	3 39	16 21	24 54	11 15	34 51	21 23
17	25 1	5	4 53	2 51	16 25	25 6	11 18	36 43	23 14
B	25 59	48	16 53	1 55	16 30	25 18	11 21	38 49	25 4
19	26 58	32	29 6	0 53	16 34	25 30	11 23	40 4	26 53
20	27 57	18	11 36	0 N.13	16 38	25 42	11 24	42 8	28 41
21	28 56	6	24 28	1 21	16 42	25 54	11 25	44 9	30 28
22	29 54	57	7 47	2 26	16 46	26 7	11 23	46 48	2 14
23	30 53	49	21 3	3 25	16 50	26 19	11 22	48 3	4 0
24	1 52	43	5 54	4 13	16 53	26 31	11 18	50 17	5 46
B	2 51	40	20 38	4 46	16 57	26 44	11 13	52 32	7 30
26	3 50	38	5 41	5 0	17 0	26 57	11 8	54 47	9 13
27	4 49	38	20 53	4 53	17 4	27 9	11 2	56 17	10 54
28	5 48	41	6 3	4 26	17 7	27 22	10 55	58 16	12 38
29	6 47	46	20 59	3 40	17 10	27 35	10 48	60 31	14 16
30	7 46	53	5 135	2 41	17 14	27 47	10 40	62 45	15 56
Days	Jupiter sets.	Mars rises.	Venus sets.	Mercur. rises.	Dec. ♄ North.	Dec. ♀ South.	Dec. ♂ North.	Dec. ♀ North.	Dec. ♀ North.
1	8 A 5	8 A 42	7 A. 4	3 M 35	22 10	7 34	11 21	7 20	4 45
7	7 44	8 22	6 58	4 14	22 6	7 59	11 49	4 22	11 30
13	7 24	8 1	6 44	5 0	22 3	8 26	12 9	1 21	7 18
19	7 5	7 39	6 35	5 42	22 0	8 54	12 20	1 S.4	2 30
25	6 46	7 17	6 24	6 24	21 57	9 21	12 26	4 48	3. 6

# October hath XXXI Days. White.

## The LUNATIONS.

L. & Quarter the 2d Day, 5 Minutes after Midnight.

New Moon the 10th Day, 55 Minutes past 7 in the Afternoon.

First Quarter the 18th Day, 23 Minutes after 11 at Night.

Full Moon the 26th Day, 16 Minutes past 6 in the Afternoon.

Sundays & other Remarks & Days	Sun rises.	Sun sets.	Dec. ☉ South.	Dec. ☽ North.	Moon rises.	Moon South.	Clock 12. Sun
Remigius Bp.	6 12	5 47	3 29	24 37	8 A. 47	4 M. 20	10 54
18 Sun. aft. Trin.	6 14	5 41	3 52	23 47	9 55	5 22	10 55
	6 16	5 41	4 16	23 35	11 10	6 20	11 12
	6 18	5 41	4 39	18 18	Morn.	7 13	11 30
	6 20	5 39	5 2	14 11	0 26	8 11	11 48
Faith V. & M.	6 22	5 37	5 25	9 34	1 40	8 48	12 5
	6 24	5 35	5 48	4 36	2 51	9 33	12 21
	6 26	5 33	6 11	0 S. 26	4 2	10 13	12 37
29 Sun. aft. Trin.	6 28	5 31	6 34	5 24	5 11	10 54	12 53
Oct. & Cal. T. beg.	Old Mich. Day		6 57	10 9	6 fets.	11 36	13 8
	6 31	5 28	7 19	14 28	5 A. 7	0 A. 21	13 23
	6 33	5 26	7 42	18 23	5 28	1 6	13 38
Tr. K. Edw. Conf.	6 35	5 24	8 4	21 11	5 55	1 52	13 52
	6 37	5 22	8 27	23 17	6 29	2 40	14 5
	6 39	5 20	8 49	24 22	7 14	3 30	14 18
20 Sun. aft. Trin.	6 41	5 18	9 11	24 19	8 9	4 20	14 30
Ethelred.	6 43	5 16	9 33	23 6	9 13	5 12	14 42
	6 45	5 14	9 55	20 45	10 25	6 3	14 53
St. Luke.	6 47	5 12	10 17	17 19	11 41	6 54	15 3
	6 49	5 10	10 38	12 56	Morn.	7 43	15 13
	6 51	5 8	11 0	7 45	0 58	8 32	15 22
	6 53	5 6	11 21	1 N. 40	2 18	9 23	15 30
21 Sun. aft. Trin.	6 55	5 4	11 42	4 2	3 42	10 16	15 38
	6 56	5 2	12 3	9 59	5 10	11 10	15 45
K. Geo. III. Inaug.	Crispin	5 1	12 24	15 26	6 rises.	Morn.	15 51
K. Geo. III. Procl.	7 0	4 59	12 44	19 56	4 A. 59	0 7	15 57
	7 2	4 57	13 4	22 58	5 42	1 7	16 2
St. Simon & Jude.	7 4	4 55	13 24	24 20	6 38	2 10	16 6
	7 6	4 53	13 44	23 59	7 45	3 14	16 9
22 Sun. aft. Trin.	7 7	4 52	14 4	22 9	9 1	4 14	16 11
	7 9	4 50	14 23	19 4	10 19	5 10	16 15
Day decrea.	Length of Day.	Helioc. Plac. ♀	Helioc. Plac. ♀	Helioc. Plac. ♂	Helioc. Plac. ☉	Helioc. Plac. ♀	Saturn rises.
4 00	11 35	10 35	11 28	18 46	8 46	10 26	10 34
5 23	11 10	11 13	1 56	22 21	14 42	20 1	10 15
5 45	10 48	11 26	2 23	25 55	20 38	29 35	9 53
6 9	10 21	11 40	2 51	29 27	26 37	9 17	9 34
6 31	10 2	1 53	3 18	2 56	2 36	18 35	9 8

# October 1768.

Day	Daylig. begins.	Daylig. ends.	Durat. Twilig.	Node Inv.	Lat. South.	Lat. North.	Lat. South.	Lat. North.	Lat. North.
1	4 18	7 42	1 59	7 48	0 27	1 2	2 45	0 49	0 19
7	4 31	7 29	1 58	7 29	0 27	1 2	2 31	0 37	0 S. 23
13	4 43	7 17	1 57	7 10	0 26	1 1	2 14	0 23	1 4
19	4 55	7 5	1 57	6 50	0 26	1 1	1 54	0 8	1 43
25	5 6	6 54	1 58	6 31	0 25	1 1	1 34	0 S. 7	2 15
Day	d. m. f.	h. m. f.	h. m. f.	h. m. f.	h. m. f.	h. m. f.	h. m. f.	h. m. f.	h. m. f.
1	8 46 2	19 48	1 N 33	17 17	28 0	10 31	22 0	17 34	
2	9 45 13	38 35	0 27	17 20	28 12	0 21	23 15	19 12	
B	10 44 26	17 0	0 S. 49	17 25	28 2	10 10	24 29	20 49	
4	11 43 40	6 5	1 56	17 26	28 38	9 58	25 44	22 26	
5	12 42 57	12 53	2 55	17 29	28 5	9 45	26 59	24 2	
6	13 42 16	25 28	3 4	17 31	29 4	9 32	28 13	25 36	
7	14 41 37	7 50	4 22	17 34	29 17	9 18	29 28	27 10	
8	15 41 0	20 3	4 4	17 36	29 29	9 3	0 m 43	28 43	
B	16 40 25	22 9	5 0	17 38	29 4	8 48	1 57	cm 16	
10	17 39 52	14 9	4 59	17 41	29 5	8 32	3 12	1 48	
11	18 39 22	26 6	4 44	17 43	0 m 8	8 15	4 27	3 20	
12	19 38 54	7 m 55	4 28	17 45	0 21	7 58	5 41	4 51	
13	20 38 28	19 44	3 40	17 47	0 34	7 40	6 53	6 22	
14	21 38 4	1 34	2 52	17 49	0 47	7 22	8 10	7 51	
15	22 37 42	13 28	1 57	17 50	1 0	7 3	9 24	9 20	
B	23 37 21	25 28	0 56	17 52	1 13	6 44	10 39	10 48	
17	24 37 2	7 v 40	0 N. 9	17 53	1 26	6 24	11 54	12 16	
18	25 36 46	10 8	1 14	17 55	1 39	6 5	13 8	13 43	
19	26 36 32	22 55	2 18	17 56	1 52	5 45	14 23	15 9	
20	27 36 20	16 8	3 21	17 57	2 5	5 25	15 38	16 34	
21	28 36 10	29 48	4 6	17 58	2 18	5 4	16 52	17 58	
22	29 36 1	14 X	4 42	17 59	2 31	4 43	18 7	19 21	
B	30 35 55	28 40	5 1	18 0	2 44	4 27	19 22	20 43	
24	1 35 51	13 v 44	5 0	18 0	2 58	4 2	20 36	22 4	
25	2 35 48	29 1	4 38	18 1	3 11	3 41	21 51	23 24	
26	3 35 47	14 2	3 56	18 1	3 24	3 20	23 6	24 44	
27	4 35 48	29 33	2 58	18 1	3 37	3 0	24 20	26 3	
28	5 35 52	14 26	1 48	18 1	3 50	2 39	25 35	27 21	
29	6 35 56	28 53	0 32	18 1	4 4	2 19	26 49	28 37	
B	7 36 3	12 54	0 S. 42	18 1	4 15	1 59	28 4	29 52	
31	8 36 12	26 26	1 53	18 1	4 30	1 40	29 18	1 3	
Day	Jupiter sets.	Mars rises.	Venus sets.	Mercur. sets.	Dec. North	Dec. South.	Dec. North.	Dec. South.	Dec. South.
1	6 A. 27	6 A. 54	6 A. 16	6 A. 4	21 5	9 49	12 23	7 49	6 39
7	6 2	6 27	6 6	5 55	21 5	10 17	12 24	10 43	0 50
13	5 48	5 59	5 57	5 46	21 5	10 45	11 09	13 30	4 40
19	5 29	5 32	5 49	5 39	21 5	1 1	11 41	6 3	18 0
25	5 9	5 2	5 42	5 30	21 5	1 39	11 18	18 23	47

# November hath XXX Days. White.

## The LUNATIONS.

1st Quarter the 12 Day, 22 Minutes past Noon.

New Moon the 9th Day, 18 Minutes past 2 in the Afternoon.

First Quarter the 17th Day, 56 Minutes past Noon.

Full Moon the 24th Day, 4 Minutes after 4 in the Morning.

M D.	Place of the Sun at Noon D. M.	Sun rises.	Sun sets.	Dec. © South.	Dec. ☽ North.	Moon rises.	Moon South.	Clock aft. Sun.	
1	All Saints.	7 11	4 48	14 43	15 5	11 A. 34	6 M.	16 14	
2	All Souls.	7 13	4 46	15 2	10 33	Morn.	6 4	16 14	
3		7 15	4 44	15 30	5 47	0 46	7 35	16 14	
4		7 16	4 43	15 39	0 39	1 5	8 1	16 13	
5	Trinity Confess.	7 18	4 41	15 57	4 S. 18	3 5	8 58	16 10	
6	23 Sun. aft. Trin.	7 20	4 39	16 15	9 4	4 12	9 4	16 6	
7	D. Cumb. born.	7 24	4 35	16 33	13 26	5 23	10 20	16 3	
8		7 24	4 35	16 50	17 16	6 29	11 3	15 57	
9	L. May. do. at Lon.	7 25	4 34	17 7	20 27	7 35	11 45	15 51	
10		7 27	4 32	17 24	22 48	8 43	12 38	15 43	
11	St. Martin B. & C.	7 29	4 30	17 40	24 2	9 51	1 28	15 38	
12		7 31	4 28	17 57	24 17	10 6	2 1	15 30	
13	24 Sun. aft. Trin.	7 32	4 27	18 13	23 31	10 7	3 9	15 21	
14		7 34	4 25	18 28	21 15	10 14	3 58	15 21	
15	Machutus Bp.	7 36	4 24	18 43	18 8	10 27	4 47	15 0	
16		7 38	4 22	18 58	14 6	10 41	5 36	14 48	
17	Hugh Bp. Linc.	7 39	4 21	19 13	9 17	11 57	6 23	14 36	
18		7 41	4 19	19 27	3 54	Morn.	7 11	14 23	
19		7 42	4 18	19 41	1 N 51	1 16	7 59	14 9	
20	25 Sun. aft. Trin.	7 44	4 16	19 54	7 38	2 38	8 50	13 54	
21		7 45	4 15	20 8	13 10	4 2	9 46	13 38	
22	O. Martin Day.	7 46	4 14	20 20	18 0	5 30	10 43	13 31	
23	St. Clem. B. & M.	7 48	4 12	20 33	21 41	6 57	11 44	13 4	
24		7 49	4 11	20 45	23 51	8 5	Morn.	12 4	
25	D. Glouc. born.	7 50	4 10	20 56	24 15	9 A. 18	0 47	12 37	
26		7 51	4 9	21 8	22 57	10 34	1 52	12 7	
27	Advent Sunday.	7 52	4 8	21 19	20 12	11 52	2 53	11 47	
28	Terms ends.	7 54	4 6	21 29	16 24	12 10	3 47	11 26	
29		7 55	4 5	21 39	11 53	1 26	4 37	11 4	
30	St. Andrew.	Prs D. Wal. ab.		21 49	6 56	11 39	5 24	10 42	
Days	Day decreas.	Length of Day	Helioc. Plac. ♌	Helioc. Plac. ♍	Helioc. Plac. ♊	Helioc. Plac. ♎	Helioc. Plac. ♋	Helioc. Plac. ♏	nature rises.
1	6 57	9 37	12 59	3 50	6 58	9 36	12 43	3 46	8 A.
7	7 19	9 15	12 23	4 17	10 24	15 38	9 12	28 4	8 15
13	7 39	8 55	12 36	4 45	13 47	21 41	8 41	23 18	7 53
19	7 58	8 36	12 50	5 12	17 8	27 44	18 10	17 1	7 26
25	8 11	8 20	13 3	5 40	20 27	3 19	23 39	13 13	6 19

# November 1768.

Day	Daylig. ins.	Daylig. ends.	Durat. Twilig.	None day	Lat. 15 South.	Lat. 15 North.	Lat. 15 South.	Lat. 15 South.	Lat. 15 South.
1	5 17	6 43	1 59	6 8	0 25	1 1	1 7	0 20	2 49
7	5 25	6 35	2 2	5 48	0 25	1 1	0 45	0 41	2 41
13	5 34	6 26	2 3	5 29	0 25	1 0	0 24	0 55	2 16
9	5 41	6 19	2 5	5 9	0 25	1 0	0 5	1 5	1 0
15	5 48	6 12	2 7	4 49	0 24	1 1	0 N. 12	1 21	1 N. 8
Day	☉ m. d.	☉ m. i.	☾ Ω	☾ Lat. D	☾ R	☾ m	☾ R	☾ 7	☾ 7
1	9 36	23	9 33	2 S. 55	18	1	4 41	1 21	0 33
2	10 36	36	22 20	3 47	18	0	4 57	1 3	1 48
3	11 36	51	4 49	4 27	18	0	5 10	0 45	3 2
4	12 37	7	17 5	4 53	17	59	5 23	0 27	4 17
5	13 37	25	29 11	5 5	17	59	5 36	0 10	5 32
B	14 37	45	11 9	5 6	17	58	5 49	2 53	6 46
7	15 38	6	23 3	4 51	17	57	6 2	2 37	8 1
8	16 38	29	4 54	4 25	17	56	6 15	9 22	9 16
9	17 38	54	16 44	3 47	17	55	6 28	29 7	10 30
10	18 39	21	18 35	3 0	17	53	6 41	28 55	11 45
11	19 39	49	10 29	2 4	17	52	6 54	28 40	12 59
12	20 40	18	22 29	1 2	17	50	7 7	28 28	14 14
B	21 40	49	4 35	ON. 3	17	47	7 20	28 16	15 28
14	22 41	21	16 53	1 20	17	47	7 33	28 5	16 43
15	23 41	55	29 24	2 14	17	45	7 46	27 5	17 53
16	24 42	31	17 13	3 13	17	43	7 59	27 45	19 22
17	25 43	8	25 22	4 4	17	41	8 11	27 36	20 29
18	26 43	47	8 6	4 43	17	39	8 24	27 28	21 41
19	27 44	28	22 54	5 6	17	37	8 37	27 21	22 55
B	28 45	10	7 20	5 11	17	35	8 50	27 15	24 10
21	29 45	53	22 10	4 56	17	32	9 1	27 10	25 24
22	30 46	37	7 11	4 26	17	30	9 15	27 6	26 39
23	1 47	23	22 24	3 26	17	27	9 28	27 2	27 54
24	2 48	10	7 13	3 17	17	25	9 41	26 59	28 2
25	3 48	58	22 31	1 0	17	22	9 51	26 57	28 5
26	4 49	48	7 8	0 S. 20	17	19	10 6	26 55	29 34
B	5 50	39	21 18	1 37	17	16	10 18	26 54	30 51
28	6 51	31	5 1	2 45	17	13	10 31	26 53	31 5
29	7 52	25	18 19	3 42	17	10	10 43	26 56	32 19
30	8 53	20	1 9	4 27	17	6	10 55	26 58	33 10
Day	Jupiter rises.	Mars sets.	Venus sets.	Mercur. sets.	D.c. 15 North.	D.c. 15 South.	Dec. 15 North.	Dec. 15 South.	Dec. 15 South.
1	6 M 41	6 M 30	5 A 3	5 A 23	21 51	12 10	10 55	40 43	23 1
7	6 25	6 0	5 31	5 9	21 52	12 36	10 39	42 21	24 23
13	6 8	5 28	5 30	5 5	21 53	13 3	10 31	43 31	24 26
9	5 30	5 7	5 32	4 49	21 54	13 27	10 28	44 26	25 0
15	5 32	4 34	5 37	4 18	21 57	13 50	10 35	45 51	25 51

# December hath XXXI Days. White.

## The LUNATIONS.

Last Quarter the 1st Day, 16 Minutes past 4 in the Morning.

New Moon the 9th Day, 58 Minutes after 8 in the Morning.

First Quarter the 16th Day, 26 Minutes past 11 at Night.

Full Moon the 23d Day, 3 Minutes past 3 in the Afternoon.

Last Quarter the 30th Day 1 Minutes after 11 at Night.

Conjunct & other remarkable Days	Sun rises.	Sun sets.	Dec. ☉ South.	Dec. ☽ North.	Moon rises.	Moon South.	Chick aft. Sun.	
	7 57	4 31	21 58	1 53	Morn.	6M 8	10 19	
	7 58	4 22	22 7	3S. 9	0 48	6 49	9 55	
Sun. in Advent.	7 59	4 12	22 15	7 58	1 57	7 31	9 31	
	8 0	4 02	22 23	12 26	3 4	8 13	9 6	
	8 1	3 59	22 30	16 26	4 11	8 55	8 41	
Nicholas Bp.	8 2	3 58	22 37	19 45	5 18	9 40	8 15	
	8 3	3 57	22 44	22 17	6 24	10 26	7 49	
Concept. B.V.M.	8 3	3 57	22 50	23 50	7 26	11 15	7 21	
	8 4	3 56	22 56	24 19	fers. 4 A/c	0A. 6	6 54	
	8 5	3 55	23 1	23 35		0 56	6 26	
Sun in Advent.	8 5	3 55	23 6	21 46	5 56	1 46	5 59	
	8 6	3 54	23 10	18 50	7 7	2 36	5 31	
Lucy V. & M. Ember Week.	8 6	3 54	23 14	14 59	8 21	3 23	5 3	
	8 6	3 54	23 17	10 22	9 35	4 10	4 34	
	8 7	3 53	23 20	5 12	10 52	4 58	4 4	
Cam. Termends.	8 7	3 53	23 23	0N. 22	Morn.	5 43	3 34	
Oct. Termends.	8 7	3 53	23 25	6 0	0 9	6 32	3 4	
Sun. in Advent.	8 8	3 52	23 26	11 27	1 30	7 23	2 34	
	8 8	3 52	23 27	16 22	2 53	8 17	2 4	
	8 8	3 52	23 28	20 24	4 18	9 14	1 34	
St. Thomas.	Shortest Day.		23 28	23 8	5 40	10 16	1 4	
	8 8	3 52	23 28	24 18	6 56	11 20	0 34	
	8 8	3 52	23 27	23 43	rises.	Morn	0 4	
Christmas Day.	8 8	3 52	23 26	21 33	5A. 11	0 21	Obsen 26	
	8 7	3 53	23 24	18 4	6 30	1 19	0 56	
St. Stephen.	8 7	3 53	23 22	13 42	7 50	2 14	1 26	
St. John Evang.	8 7	3 53	23 19	6 46	9 8	3 3	1 55	
Holy Innocents.	8 6	3 54	23 16	3 37	10 18	3 49	1 24	
	8 6	3 54	23 12	1S. 34	1 28	4 33	2 52	
	8 5	3 55	23 8	6 32	Morn.	5 15	3 23	
Silvester Bp.	8 5	3 55	23 3	11 11	0 36	5 56	3 43	
Day decreas.	Length of Day	Helioc. Plac. ♄	Helioc. Plac. ♃	Helioc. Plac. ♉	Helioc. Plac. ♈	Helioc. Plac. ♊	Helioc. Plac. ♋	Saturn rises
8 28	8 0	13 10	6 11	7 23	0 44	9 11	17 8	10 43
8 40	7 54	13 30	6 34	26 59	16 0	26 38	15 38	15 13
8 46	7 48	13 43	7 2	0 13	22 7	0 9	14 13	14 13
50	7 44	13 57	7 29	3 24	28 1	15 40	8 10	8 10
2	7 40	14 10	7 57	6 33	4 22	15 12	28 33	4 37

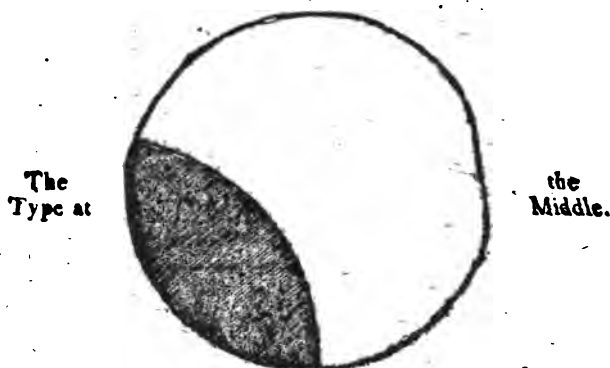
# December 1768.

Day	Daylig. begin.	Daylig. ends.	Durat. Twilig.	Node in VP.	Lat. 1/2 South.	Lat. 1/2 North.	Lat. 1/2 North.	Lat. 1/2 South.	Lat. 1/2 North.
1	5 54	6 6	2 8	4 29	0 23	1 1	0 26	1 32	2 26
2	5 57	6 3	2 10	4 9	0 23	1 1	0 39	1 41	2 43
3	5 59	6 3	2 12	3 49	0 22	1 1	0 50	1 46	2 16
4	6 1	5 59	2 11	3 29	0 22	1 2	0 59	1 50	1 40
5	6 1	5 59	2 11	3 9	0 21	1 3	1 7	1 51	0 44
6	6 1	5 59	2 11	3 9	0 21	1 3	1 7	1 51	0 44
7	6 1	5 59	2 11	3 9	0 21	1 3	1 7	1 51	0 44
8	6 1	5 59	2 11	3 9	0 21	1 3	1 7	1 51	0 44
9	6 1	5 59	2 11	3 9	0 21	1 3	1 7	1 51	0 44
10	6 1	5 59	2 11	3 9	0 21	1 3	1 7	1 51	0 44
11	6 1	5 59	2 11	3 9	0 21	1 3	1 7	1 51	0 44
12	6 1	5 59	2 11	3 9	0 21	1 3	1 7	1 51	0 44
13	6 1	5 59	2 11	3 9	0 21	1 3	1 7	1 51	0 44
14	6 1	5 59	2 11	3 9	0 21	1 3	1 7	1 51	0 44
15	6 1	5 59	2 11	3 9	0 21	1 3	1 7	1 51	0 44
16	6 1	5 59	2 11	3 9	0 21	1 3	1 7	1 51	0 44
17	6 1	5 59	2 11	3 9	0 21	1 3	1 7	1 51	0 44
18	6 1	5 59	2 11	3 9	0 21	1 3	1 7	1 51	0 44
19	6 1	5 59	2 11	3 9	0 21	1 3	1 7	1 51	0 44
20	6 1	5 59	2 11	3 9	0 21	1 3	1 7	1 51	0 44
21	6 1	5 59	2 11	3 9	0 21	1 3	1 7	1 51	0 44
22	6 1	5 59	2 11	3 9	0 21	1 3	1 7	1 51	0 44
23	6 1	5 59	2 11	3 9	0 21	1 3	1 7	1 51	0 44
24	6 1	5 59	2 11	3 9	0 21	1 3	1 7	1 51	0 44
25	6 1	5 59	2 11	3 9	0 21	1 3	1 7	1 51	0 44
26	6 1	5 59	2 11	3 9	0 21	1 3	1 7	1 51	0 44
27	6 1	5 59	2 11	3 9	0 21	1 3	1 7	1 51	0 44
28	6 1	5 59	2 11	3 9	0 21	1 3	1 7	1 51	0 44
29	6 1	5 59	2 11	3 9	0 21	1 3	1 7	1 51	0 44
30	6 1	5 59	2 11	3 9	0 21	1 3	1 7	1 51	0 44
31	6 1	5 59	2 11	3 9	0 21	1 3	1 7	1 51	0 44
1	9 54	10	13 42	48.57	17 3	11 8	27 1	7 48	27 21
2	10 55	13	25 58	5 12	16 59	11 20	27 4	9 2	26 46
3	11 56	14	8 0	5 14	16 56	11 32	27 8	10 17	26 22
4	12 57	9	19 58	5 2	16 52	11 45	27 12	11 31	26 9
5	13 58	8	11 49	4 18	16 48	11 57	27 15	12 45	25 5
6	14 59	8	13 39	4 1	16 45	12 9	27 25	14 0	26 D 11
7	16 0	8	25 31	3 14	16 41	12 21	27 32	15 14	26 29
8	17 1	10	7 26	2 18	16 37	12 33	27 39	16 28	26 58
9	18 2	13	19 29	1 16	16 33	12 45	27 48	17 42	27 28
10	19 3	16	11 39	0 9	16 29	12 57	27 57	18 57	28 10
11	20 4	20	13 59	ON. 59	16 25	13 8	28 7	20 11	28 56
12	21 5	25	26 31	2 6	16 21	13 20	28 18	21 25	29 48
13	22 6	31	9 15	3 7	16 17	13 32	28 29	22 39	0 24
14	23 7	37	22 15	4 0	16 13	13 44	28 41	23 53	1 42
15	24 8	44	34 30	4 41	16 8	13 55	28 53	25 8	2 44
16	25 9	51	19 5	5 8	16 4	14 6	29 6	26 22	3 50
17	26 10	59	27 56	5 18	16 0	14 18	29 20	27 36	5 1
18	27 12	7	17 5	5 8	15 55	14 29	29 32	28 50	6 15
19	28 13	6	18 33	4 40	15 51	14 40	29 48	OM 4	7 32
20	29 14	25	16 13	3 53	15 46	14 51	OM 3	1 18	8 49
21	30 15	35	11 1	2 50	15 42	15 2	0 19	2 32	0 8
22	1 16	44	15 51	2 36	15 37	15 14	0 35	3 47	11 28
23	2 17	54	0 35	0 15	15 32	15 25	0 52	4 58	12 49
24	3 19	4	15 5	1 5	15 27	15 36	1 9	6 13	14 1
25	4 20	14	29 13	2 10	15 22	15 46	1 27	7 27	15 36
26	5 21	24	13 1	3 23	15 17	15 57	1 45	8 41	16 58
27	6 22	35	26 25	4 14	15 13	16 7	2 4	9 54	18 23
28	7 23	45	9 22	4 51	15 8	16 18	2 23	11 8	19 49
29	8 24	56	21 59	5 12	15 3	16 28	2 43	12 27	21 15
30	9 26	7	4 18	5 18	14 58	16 38	3 3	13 3	22 42
31	10 27	18	16 24	5 9	14 53	16 49	3 23	14 41	24 9
1	Jupiter rises.	Mars sets.	Venus sets.	Mercur. rises.	Dec. 1/2 North.	Dec. 1/2 South.	Dec. 1/2 North.	Dec. 1/2 South.	Dec. 1/2 South.
1	5M 14	4M 9	5A 44	rises.	22 1	14 14	10 50	24 47	17 9
7	4 55	3 46	5 55	6M 5	22 3	14 36	11 13	24 17	16 49
13	4 35	3 24	6 8	6 3	22 7	14 58	11 44	23 19	18 8
19	4 15	3 8	6 21	6 10	22 10	15 17	12 20	21 57	10 7
25	3 51	2 50	8 38	6 3	22 15	15 36	13 3	20 14	21 55

# Of the ECLIPSES this Year 1768.

This Year will produce Five ECLIPSES. Two of the Sun, and Three of the Moon, which will happen in the following Order :

The first is a partial and visible Eclipse of the Moon ; and will happen on Monday the 4th Day of *January*, in the Morning ; according to the following Type and Calculation.



	London.			Yor <sup>k</sup> .			Edinburg.			
	h.	m.	f.	h.	m.	f.	h.	m.	f.	
Begins	3	19	48	3	15	21	3	6	35	Jan. 4th Morn. App. Time
Middle	4	28	18	4	23	51	4	15	5	
Ends	5	36	48	5	32	21	5	23	35	
Duration	2	17	0	2	17	0	2	17	0	
Digits Eclipsed	4°	33'	55"	4°	33'	55"	4°	33'	55"	

The Second Eclipse is of the Sun, and will happen on Tuesday the 19th Day of *January*, near our 6 o'Clock in the Afternoon ; it will be in *London* here, but will be seen in several of our Plantations in *North-America*.

The Third Eclipse is of the Moon, and will happen on Thursday the 1st Day of *June*, in the Morning ; this will be a total Eclipse with Clouds ; and some Part of it will be visible in our Isle of *Great Britain* be seen by the following Calculation.



The Type at



the Middle.

	London.			York.			Ednburg.		
	h.	m.	f.	h.	m.	f.	h.	m.	f.
The Eclipse begins	2	5	18	2	0	51	1	52	5
Immersion	3	18	18	3	11	51	3	5	5
Middle	3	52	48	3	48	21	3	39	35
Emerſion	4	27	18	4	22	51	4	14	5
Ends	5	40	18	5	35	51	5	27	5
Duration	3	35	0	3	35	0	3	35	0
Digits Eclipsed	14°	44'	35"	14°	44'	39"	14°	44'	39"

June 30th  
Morn.  
App. time:

The Fourth is another Eclipse of the Sun, and will happen on *Thursday* the 14th Day of *July*, near our 2 o'Clock in the Morning; consequently inviſible in all theſe Parts of the Globe; but will be viſible to thoſe that are failing in the great South Sea or Pacific Ocean; and to thoſe who live in the Eaſtern Parts of *Aſia*.

The Fifth and laſt Eclipse is of the Moon, and will happen on *Friday* the 23d Day of *December*, in the Afternoon; this will likewiſe be another total Eclipse with Continuance; and ſome of the latter Part of this Eclipse will be viſible in our Iſle of *Great Britain*: See the following Calculation.

The Type at



the Middle.

	London.			York.			Edinturg.		
	h.	m.	f.	h.	m.	f.	h.	m.	f.
The Eclipse begins	1	25	31	1	21	6	1	12	20
Immersion	2	23	38	2	19	11	2	10	25
Middle	3	12	8	3	7	41	2	58	55
Emerſion	4	0	38	3	56	11	3	47	25
Ends	4	58	43	4	54	16	4	45	30
Duration	3	33	10	3	33	10	3	33	10
Digits Eclipsed	16°	19'	45"	16°	15'	42"	16°	19'	45"

Note, The Moon's Place was not taken from Dr. HALLER's Tables.

# Speculum Phænomenorum ad Annum 1768.

Days	JANUARY.	Days	MARCH.	Days	JUNE.
1	♂ h 15h.	1	♂ ♀ 10h.	11	♂ ♀ 23h.
2	♀ in Aphelio.	2	♂ in ♀ 11h. 43m.	12	♂ h 22h.
3	Elong. Max.	3	♂ in Perigeo.	13	♂ h 20h.
4	Mat. 46° 31',	4	♂ h 16h.	14	♂ in ☿ 12h. 23m.
5	sets 3h. 56m. before	5	♂ ♀ 27h.	15	♂ ♀ 17h.
6	him.	6		16	♂ in Apogeo.
7		7		17	♂ h 7h.
8	♂ in Apogeo.	8		18	
9	♂ ♀ 17h.	9		19	
10	♂ in ☿.	10		20	
11	♂ ♀ 12h.	11		21	
12	♂ h 17h.	12		22	
13	♂ in ☿.	13		23	
14	♂ ♀ 12h.	14		24	
15	♂ h 17h.	15		25	
16	♂ in ☿.	16		26	
17	♂ ♀ 12h. 23m.	17		27	
18	apparent time.	18		28	
19	♂ ♀ 17h.	19		29	
20	♂ in ☿.	20		30	
21	♂ in Perigeo.	21			
22	♂ in Aphelio.	22			
23	♂ h 18h.	23			
24		24			
25		25			
26		26			
27		27			
28		28			
29		29			
30		30			
31		31			
Days	FEBRUARY.	Days	APRIL.	Days	JULY.
1	♂ in Apogeo.	1	♂ in Apogeo.	1	♂ in ☿.
2	♂ ♀ 3h.	2	♂ ♀ 7h.	2	♂ ♀ 11h.
3	♂ h 16h.	3	♂ ♀ 11h.	3	♂ in Peri. co.
4	♂ ♀ 12h.	4	♂ in ☿.	4	♂ in ☿.
5	♂ h 16h.	5	♂ ♀ 7h.	5	♀ Elong. Max. a ☿
6	♂ in ☿.	6	♂ in Ash Ho.	6	Vesp. 26° 27', sets
7	♂ in Perigeo.	7	♂ in Perigeo.	7	1h. 14m. after him.
8	♂ h 22h.	8	♂ in ☿ 2h. 43m.	8	♂ h 17h.
9		9	♂ h 18h.	9	♂ h 17h.
10		10	♂ in Aphelio.	10	♂ ♀ 22h.
11		11	♀ Elong. Max. a ☿	11	♂ in Perihelio.
12		12	Mat. 46° 40',	12	♂ in Aphelio.
13		13	rises 31m. before	13	♂ in Apogeo.
14		14	him.	14	♂ in ☿ 23h. 32m.
15		15	♂ in Apogeo.	15	
16		16	♂ ♀ 7h.	16	
17		17		17	
18		18		18	
19		19		19	
20		20		20	
21		21		21	
22		22		22	
23		23		23	
24		24		24	
25		25		25	
26		26		26	
27		27		27	
28		28		28	
29		29		29	
30		30		30	
31		31		31	
Days	MARCH.	Days	MAY.	Days	AUGUST.
1	♂ in ☿.	1	♂ ♀ 6h.	1	♂ in Perigeo.
2	♂ in Apogeo.	2	♂ in Perigeo.	2	♂ ♀ 19h.
3	♂ ♀ 7h.	3	♂ ♀ 3h.	3	♀ in Perihelio.
4		4	♂ h 9h.	4	♂ ♀ 7h.
5		5	♂ in ☿ 3h. 35m.	5	♂ ♀ 1h.
6		6	♂ ♀ 9h.	6	
7		7	♂ in Apogeo.	7	
8		8	♀ in ☿.	8	
9		9		9	
10		10		10	
11		11		11	
12		12		12	
13		13		13	
14		14		14	
15		15		15	
16		16		16	
17		17		17	
18		18		18	
19		19		19	
20		20		20	
21		21		21	
22		22		22	
23		23		23	
24		24		24	
25		25		25	
26		26		26	
27		27		27	
28		28		28	
29		29		29	
30		30		30	
31		31		31	
Days	JUNE.	Days	JUNE.	Days	JUNE.
1	♂ ♀ 18h.	1	♂ ♀ 18h.	1	♂ in ☿ 5h. 53m.
2	♂ in Perihelio.	2	♂ in Perihelio.	2	♀ Elong. Max. a ☿
3	♂ ♀ 22h.	3	♂ ♀ 22h.	3	Mat. 58° 6' rises
4	♂ in Perigeo.	4	♂ in Perigeo.	4	1h. 42m. before him.

# Speculum Phænomenorum ad Annum 1768.

Days	AUGUST.	Days	OCTOBER.	Days	NOVEMBER.
26	♂ ♀ 18 Q.	11	♂ ♀ 19h.	2	♀ in Aphelio.
31	♂ ♀ 20h.	15	♂ ♀ 7h.	20	♂ ♀ 4h.
31	♂ in Perigæo.	15	♀ in Aphelio.	26	♂ ♀ 17h.
31	♀ in Perihelio.	22	♂ in M 9h. 53m.	28	♀ in Perihelio.
		22	♀ in ☿.		
Days	SEPTEMBER.	Days	OCTOBER.	Days	DECEMBER.
5	♂ ♀ 16h.	25	♂ in Perigæo.	6	♂ ♀ 21h.
11	♂ ♀ 8h.	25	♂ ♀ 7h.	11	♂ in Apogeo.
13	♂ ♀ 14h.	25	♂ ♀ 18h.	11	♂ ♀ 13h.
14	♂ in Apogeo.	30	♂ ♀ 9h.		
19	♂ ♀ 2h.		NOVEMBER.	24	♀ Elong. Max. a ☉
22	♂ in ☿ 2h. 12m.	5	♀ Elong. Max. a ☉	—	Mat. 21°. 20', rise
27	♂ in Perigæo.	—	♂ Vesp. 22° 45'	18	2h. 1m. before him.
28	♂ ♀ 8h.	—	sets 33m. after hup.	20	♂ ♀ 21h.
		7	♂ ♀ 22h.	20	♂ in Perigæo.
Days	OCTOBER.	8	♂ in Apogeo.	20	♂ in ☿ 17h. 55m.
3	♂ ♀ 1h.	8	♂ ♀ 3h.	24	♂ ♀ 1h.
4	♀ in ☿.	11	♂ ♀ 6h.	31	♀ in ☿.
6	♂ ♀ 20h.	20	♂ in ☿.		
11	♂ in Apogeo.	21	♂ in ♄ 5h. 49m.		
11	♂ ♀ 8h.	23	♂ ♀ 8h.		

## A D V E R T I S E M E N T.

AT Bingham, near Nottingham, young Gentlemen and others may be commendably boarded with the Author of this EPHMERIS, at reasonable Rates, and be taught by him with the utmost Care and Expedition the following Parts of the Mathematics, viz. *Geometry, Algebra, Trigonometry, Navigation, Astronony, Dialling, The Use of the Globes, and other Mathematical Instruments.*

**A Table of the Right Ascensions in Time, Semidurnal Arches, Declinations, and Magnitudes of 30 remarkable fixed Stars, with their Names, and Bayer's Literal References, as they stand in Mr. Flamsteed's Catalogue. Exactly rectified to the Beginning of the Year 1768.**

The Names of STARS.	BY CH.	R. Ascen			Semidurnal Arches.			Declination.			Magn.
		h.	m.	s.	h.	m.	s.	1.	m.	s.	
The Southern Star in Andromeda's Girdle, Mirach.	$\beta$	0	56	33	10	6	20	34	22	35 N	2
The bright one in her left Foot, Almach.	$\gamma$	1	49	47	sets not			41	12	17 N	2 3
The unformed Star above the Ram's Head.	$\alpha$	1	54	4	8	9	13	22	21	24 N	2
in the Head of Medusa, Algol.	$\delta$	2	53	4	sets not			40	2	37 N	2 3
in Perseus's right Side, Aileenib.	$\alpha$	3	7	48	sets not			49	1	24 N	2 3
The Middle, and brightest of the 7 Stars.	$\eta$	3	33	43	8	16	26	23	22	15 N	3
The Bull's South Eye, Aldebaran.	$\alpha$	4	22	36	7	28	44	16	1	38 N	1
in the left Shoulder of Auriga, } Capella.	$\alpha$	4	59	31	sets not			45	45	37 N	1
The left Foot of Orion, Rigel.	$\beta$	5	3	21	5	20	27	8	29	5 S	1
The middle Star in his Girdle.	$\gamma$	5	21	24	5	56	46	1	22	7 S	2
in his right Shoulder, Betelgeuse.	$\alpha$	5	42	35	6	41	2	7	20	52 N	1
in the great Dog's Mouth, Sirius.	$\alpha$	6	34	59	4	27	18	16	22	39 S	1
in the Head of the 1st Twin, } Castor and Apollo.	$\alpha$	7	19	47	9	38	52	32	23	3 N	1
in the lesser Dog's Thigh, Procyon.	$\alpha$	7	27	10	6	33	12	5	49	47 N	1 2
in the Head of the 2d Twin, } Pollux or Hercules.	$\beta$	7	31	8	8	58	42	28	34	38 N	2
in the Lion's Heart, Alahard.	$\alpha$	9	16	7	5	24	47	7	39	35 S	2
The Lion's Heart, Regulus.	$\alpha$	9	56	0	7	11	54	13	5	25 N	1
in the Extremity of his Tail, } Deneb.	$\beta$	11	37	16	7	27	48	15	51	52 N	1 2
in the Virgin's right Wing, } Vindemiatrix.	$\gamma$	12	50	36	7	7	1	12	12	5 N	3
in her Left hand, Arctus.	$\alpha$	13	13	0	5	12	50	9	56	46 S	1
between the Thighs of Boetes, } Arcturus.	$\alpha$	14	5	8	7	56	13	20	26	35 N	1
in the Southern Scale of Libra.	$\alpha$	14	38	7	4	44	50	15	4	2 S	2
in the Northern Scale of Libra.	$\beta$	15	4	35	5	20	16	8	31	10 S	2
The Bright Star in the Northern Crown.	$\alpha$	15	24	53	8	49	3	27	30	3 N	2 3
The Scorpion's Heart, Antares.	$\alpha$	16	15	14	3	34	28	25	53	59 S	1
in the Head of Serpensarius.	$\alpha$	17	24	6	7	9	56	12	44	10 N	2
The bright Star in the Harp, Lysa.	$\alpha$	18	29	3	sets not			38	34	14 N	1
The bright Star in the Eagle, Atair.	$\alpha$	19	39	20	6	45	47	8	15	23 N	1 2
in the Mouth of the Southern } Fish Fomalhaut.	$\alpha$	22	44	39	2	51	37	30	50	27 S	2 1
in the Wing of Pegasus, Markab.	$\alpha$	22	53	9	7	16	43	13	56	51 N	2

A Table of the Eclipses of *Jupiter's* first Satellites, reduced to correct or apparent Time, 1768. White.

JANUARY				FEBRUARY				APRIL				JUNE			
Immersion				Immersion				Emergence				Emergence			
d.	h.	m.	s.	d.	h.	m.	s.	d.	h.	m.	s.	d.	h.	m.	s.
1	10	51	44	23	12	53	21	9	15	36	32	1	18	0	15
3	5	19	18	25	7	22	6	11	10	5	37	3	12	8	4
4	23	46	53	27	1	50	50	13	4	34	40	5	6	7	5
6	18	14	28	28	27	19	36	14	23	3	42	7	1	5	28
8	12	42	4	MARCH				16	17	32	43	8	9	3	50
10	7	9	40	Immersion				18	12	1	44	10	4	2	12
12	1	37	17	1	14	48	23	20	6	30	44	12	8	0	3
13	20	4	57	3	9	17	13	22	0	59	44	14	3	18	54
15	14	32	41	5	3	46	6	23	19	28	4	15	1	17	14
17	9	0	28	6	22	15	1	25	13	57	41	17	6	15	35
19	3	28	17	8	16	43	58	27	8	6	3	19	0	43	56
20	21	56	7	10	11	12	56	29	2	55	31	21	5	12	17
22	16	23	56	12	5	41	55	30	21	24	24	22	23	40	38
24	10	51	49	14	0	10	56	MAY				24	18	9	1
26	5	19	45	15	18	39	58	Emergence				26	12	37	24
27	23	47	45	17	13	8	59	2	15	53	17	28	7	5	47
29	18	15	49	19	7	38	1	4	10	22	8	30	1	31	11
31	12	43	55	21	2	7	2	6	4	10	57	JULY			
FEBRUARY				22	20	36	4	7	23	19	45	Emergence			
Immersion				24	15	5	8	9	17	48	30	1	20	2	34
2	7	12	7	26	9	34	13	11	12	17	15	3	14	30	57
4	1	40	20	28	4	3	20	13	6	45	57	5	8	59	20
5	20	8	35	29	22	32	28	15	1	14	38	7	3	27	43
7	14	30	53	31	17	1	35	16	19	43	18	8	21	56	7
9	9	5	13	APRIL				18	14	11	56	10	16	21	32
11	3	33	35	Immersion				20	8	40	33	12	10	52	58
12	22	1	58	2	11	30	42	22	3	9	8	14	5	21	25
14	16	30	23	4	5	59	48	23	21	37	43	15	23	49	55
16	10	58	52	6	0	28	53	25	16	6	17	17	18	18	27
18	5	27	26	7	18	57	56	27	10	34	49	19	12	47	2
19	23	56	3					29	5	3	19	21	7	15	38
21	18	24	43					30	23	31	48	23	1	44	15

Table of the Eclipses of *Jupiter's* first Satelles, reduced to correct or apparent Time, 1768. White.

JULY				AUGUST				SEPTEMBER				DECEMBER			
Emerfions				Emerfions				Emerfions				Immerfions			
d.	h.	m.	f.	d.	h.	m.	f.	d.	h.	m.	f.	d.	h.	m.	f.
4	20	12	54	15	1	58	44	5	7	47	42	8	0	52	53
6	14	41	34	16	20	27	43	7	2	16	52	9	19	20	25
8	9	10	16	18	14	56	43	8	20	46	2	11	13	47	55
0	3	37	0	20	9	25	45	10	15	15	12	13	8	15	23
1	22	7	46	22	3	54	49	12	9	44	22	15	2	42	50
AUGUST				23	22	23	54	14	4	13	33	16	21	10	17
Emerfions				25	16	53	0	15	22	42	44	18	15	37	44
2	16	35	34	27	18	22	6	☿ near ☉				20	10	5	10
4	11	5	23	29	5	51	12	DECEMBER				22	4	32	36
6	5	34	13	31	0	20	18	Immerfions				23	23	0	1
8	0	3	4	SEPTEMBER				Emerfions				25	17	27	25
10	18	31	57	Emerfions				1	18	49	25	27	11	54	50
12	13	0	51	3	13	18	33	4	11	57	44	29	6	22	16
14	7	29	46					6	6	25	19	31	0	49	44

The Times of the Eclipses contained in this Table, are pted to the Meridian of the Royal Observatory near *London*; afford an excellent Method to discover the Longitude Difference of Meridians, between that and any other Place tsoever; which I shall illustrate by an *Example*.

pose on the 27th Day of December this Year, the Time of the Im-  
m of *Jupiter's* first Satelles, be observed (by a Telescope) in an unknown  
inn, to happen at 56min. 40sec. after 9 at Night: I find by the  
that the Time of this Immerfion will be (at the British Obser-  
at 54 min. 50sec. after 11 the same Night: The Difference of  
mes is 1 hour 58min. 10sec. which being converted into Deg. and  
of the Equator, will make 29deg. 30min. 30sec. the Longi-  
the Place of Observation to the West; because the Time is less  
it at the British Observatory.

**A Table of the Times of High-Water at *London-Bridge*, in the Morning and Afternoon of every Day in the Year 1768.**

White

Mo. Day.	JANUARY.		No. Days.	FEBRUARY.		Mo. Day.	MARCH.		No. Days.	APRIL.	
	Morn. h. m.	Altern. h. m.		Morn. h. m.	Aft. rn. h. m.		Morn. h. m.	Altern. h. m.		Morn. h. m.	Altern. h. m.
1	11 39			1 0 48	1 14	1	0 22	0 4		1 2 2	1 42
2	0 14	0 45	2	1 40	2 4	2	1 8	1 30	2	2 4	2 22
C	1 16	1 44	3	2 28	2 45	3	1 52	2 13	B	2 42	2 59
4	2 13	2 36	4	3 2	3 16	4	2 34	2 49	4	3 12	3 27
5	2 58	3 14	5	3 20	3 41	5	3 4	3 18	5	3 41	3 56
6	3 31	3 45	6	3 54	4 8	B	3 31	3 44	0	4 12	4 31
7	3 59	4 13	C	4 22	4 38	7	3 57	4 12	7	4 51	5 11
8	4 28	4 44	8	4 5	5 10	8	4 28	4 4	8	5 33	5 59
9	5 0	5 16	9	5 26	5 47	9	5 3	5 21	9	6 2	6 53
C	5 32	5 48	10	6 8	6 34	10	5 44	6 10	B	7 21	7 54
11	6 10	6 34	11	7 0	7 30	11	6 10	7 6	11	8 28	9 2
12	6 54	7 18	12	7 50	8 33	12	7 37	8 12	12	9 36	0 9
13	7 43	8 12	13	8 8	9 45	B	8 4	9 22	13	10 43	11 16
14	8 41	9 14	C	9 21	10 58	14	10 0	10 34	14	11 49	
15	9 48	10 21	15	11 34		15	11 8	11 41	15	0 19	0 48
16	10 56	11 31	16	0	0 40	16		0 14	16	1 16	1 45
C		0 6	17	1 10	1 39	17	0 43	1 12	B	2 13	2 42
18	0 37	1 8	18	2 6	2 32	18	1 38	2 5	18	3 3	3 24
19	1 37	2 6	19	2 51	3 10	19	2 30	2 5	9	3 43	4 4
20	2 31	2 56	20	3 27	3 45	B	3 13	3 3	20	4 25	4 47
21	3 11	3 32	C	4 2	4 19	21	3 49	4 7	1	5 10	5 34
22	3 47	4 2	22	4 40	5 1	22	4 30	4 54	22	6 2	6 30
23	4 21	4 40	23	5 24	5 47	23	5 18	5 42	23	6 58	7 26
C	4 59	5 18	24	6 17	6 48	24	6 12	6 4	B	7 56	8 2
25	5 41	6 5	25	7 20	7 53	25	7 1	7 44	25	8 53	9 23
26	6 3	7 1	26	8 30	9 7	26	8 18	8 52	26	9 50	0 15
27	7 3	8 5	27	9 43	10 19	B	9 27	10 0	27	10 44	11 10
28	8 42	9 20	B	10 52	11 26	28	10 27	10 55	28	11 35	
29	9 57	10 35	29	11 54		29	11 23	11 51	29	0 1	0 31
30	11 11	11 47				30		0 14	30	0 46	1 5
C		0 17				31	0 37	1 0			

This Table may serve the following Places, by adding,

	h.	m.
For Tinmouth-Haven, Hartlepool, and Amsterdam	0	30
Brest	1	0
Scilly	1	43
Mount's Bay	1	55
Bridlington Pier and Humber	2	0

Table of the Times of High-Water at *London-Bridge*, in the Morning and Afternoon of every Day in the Year 1768. White.

MAY.				JUNE.				JULY.				AUGUST.			
Morn.		Aftern.		Morn.		Aftern.		Morn.		Aftern.		Morn.		Aftern.	
h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.
1 32	1 55	2 35	2 58	1 3 0	1 17	1 3 47	4 3	1 3 0	3 17	1 3 47	4 3	1 3 47	4 3		
2 18	2 38	3 1	3 31	2 3 34	3 49	2 4 20	4 40	2 3 34	3 49	2 4 20	4 40	2 5 0	5 22		
2 58	3 14	3 3 51	4 8	3 4 42	5 0	3 5 44	6 11	3 4 42	5 0	3 5 44	6 11	4 6 38	7 10		
3 50	3 46	4 4 27	4 47	4 5 19	5 41	4 6 28	7 18	4 4 42	5 0	4 5 44	6 11	4 7 42	8 18		
4 2	4 22	5 5 41	6 11	5 6 30	7 1	5 7 54	8 34	5 5 19	5 41	5 6 28	7 18	5 8 54	9 34		
4 42	5 2	6 7 27	7 58	6 7 58	9 2	6 8 29	9 50	6 6 3	6 28	6 7 42	8 18	6 9 14	10 50		
5 22	5 46	7 8 27	9 2	7 8 27	9 2	7 9 4	9 4	7 6 54	7 24	7 8 29	9 50	7 10 27	11 59		
6 10	6 37	8 9 3	10 11	8 9 3	10 11	8 10 22	11 1	8 7 54	8 29	8 9 4	9 4	8 11 27	12 32		
7 4	7 34	9 10 47	11 24	9 8 27	11 24	9 10 22	11 1	9 9 4	9 4	9 10 22	11 1	9 11 27	12 32		
8 3	8 35	10 11 24	12 0	10 9 3	12 0	10 11 24	12 0	10 10 22	11 1	10 11 24	12 0	10 12 32	1 28		
9 7	9 59	11 12 45	1 18	11 10 47	1 18	11 12 45	1 18	11 11 39		11 12 45	1 18	11 1 0	1 28		
10 12	10 45	12 13 0	2 33	12 10 47	2 33	12 12 45	2 18	12 11 39	0 49	12 12 45	2 18	12 1 59	2 55		
11 18	11 50	1 14 1 38	3 10	1 13 0	3 10	1 14 1 38	3 10	1 12 45	1 49	1 13 0	2 55	1 1 59	3 25		
0 55	0 27	2 15 2 3	3 3	2 14 1 38	3 3	2 15 2 3	3 3	2 13 0	2 43	2 14 1 38	3 10	2 3 28	3 51		
1 59	2 31	3 16 3 2	4 12	3 15 2 3	4 12	3 16 3 2	4 12	3 13 0	3 48	3 14 1 38	4 10	3 4 5	4 19		
2 54	3 16	4 17 3 56	4 49	4 16 3 56	4 49	4 17 3 56	4 49	4 13 0	4 16	4 14 1 38	4 52	4 5 8	5 25		
3 35	4 54	5 18 4 3	5 24	5 17 4 3	5 24	5 18 4 3	5 24	4 13 0	4 48	4 14 1 38	4 52	5 6 46	6 8		
4 16	4 38	6 5 5 44	6 4	6 18 5 44	6 4	6 19 5 44	6 4	5 13 0	5 58	5 14 1 38	5 25	5 7 34	7 0		
4 58	5 18	7 6 6 2	6 46	7 19 5 44	6 4	7 20 6 2	6 46	5 13 0	5 58	5 14 1 38	5 25	5 8 34	7 0		
5 42	6 3	8 7 7 6	7 31	8 20 6 2	7 31	8 21 7 6	7 31	6 20	6 42	6 21 7 6	7 31	6 9 29	7 58		
6 27	6 51	9 8 8 5	8 22	9 21 7 6	8 22	9 22 8 5	8 22	7 6	7 30	7 21 7 6	7 31	7 10 31	8 5		
7 16	7 40	10 9 9 53	9 20	10 22 8 5	9 20	10 23 9 53	9 20	8 0	8 30	8 22 8 5	8 22	8 11 40	10 16		
8 5	8 31	11 10 10 50	10 19	11 23 9 53	10 19	11 24 10 50	10 19	9 2	9 35	9 23 9 53	10 19	9 12 51	12 26		
8 57	9 24	12 11 11 50	11 20	12 24 10 50	11 20	12 25 11 50	11 20	10 9	10 43	10 24 10 50	11 20	10 1 58	1 58		
9 50	10 19	1 12 12 50	12 27	1 25 11 50	12 27	1 26 12 50	12 27	11 17	11 51	11 25 12 50	12 27	11 30	1 58		
0 45	11 12	2 13 1 50	1 52	2 28 12 50	1 52	2 29 1 50	1 52	12 0	12 20	12 26 12 50	1 52	12 1 26	2 38		
1 39	0 33	3 14 2 21	2 39	3 29 1 50	2 39	3 30 2 21	2 39	1 48	2 14	1 27 1 50	2 38	12 2 17	3 16		
0 7	0 33	4 15 2 17	3 39	4 30 2 17	3 39	4 31 3 17	3 39	2 40	2 58	2 28 2 17	3 16	12 3 34	3 50		
0 58	1 23	5 16 3 13	4 48	5 31 3 13	4 48	5 32 4 13	4 48	3 16	3 31	3 29 3 13	4 48	12 4 6	4 27		

Adding.

	h.	m.
For Fowey, Loo, and Plymouth	—	—
Dartmouth, Harbrough, and Hull	—	—
Torbay and Tinmouth	—	—
Exmouth, Topsham, and Lime	—	—
Weymouth	—	—
Bridgwater and Texel	—	—
Portland and Hartflew	—	—



**Table of the Times of High-Water at London-Bridge, in the Morning and Afternoon of every Day in the Year 1768.**

SEPTEMBER.				OCTOBER.				NOVEMBER.				DECEMBER.			
Mo. Days.	Morn.		Mo. Days.	Morn.		Mo. Days.	Morn.		Mo. Days.	Morn.					
	h.	m.		h.	m.		h.	m.		h.	m.				
1	4	48	1	5	33	1	7	17	1	7	43				
2	5	34	2	6	34	2	8	14	2	8	44				
3	6	31	3	7	38	3	9	15	3	9	43				
4	7	36	4	8	45	4	10	12	4	10	37				
5	8	50	5	9	50	5	11	3	5	11	29				
6	10	7	6	10	51	6	11	57	6	11	57				
7	11	13	7	11	49	7	12	19	7	12	42				
8			8	12	11	8	1	4	8	1	27				
9	0	39	9	0	56	9	1	49	9	2	11				
10	1	26	10	1	39	10	2	33	10	2	55				
11	2	10	11	2	22	11	3	12	11	3	29				
12	3	48	12	3	59	12	3	44	12	4	0				
13	3	17	13	3	30	13	4	18	13	4	37				
14	3	44	14	3	59	14	4	50	14	5	4				
15	4	13	15	4	34	15	5	31	15	5	58				
16	4	47	16	5	13	16	6	23	16	6	49				
17	5	26	17	5	58	17	7	15	17	7	42				
18	6	12	18	6	51	18	8	12	18	8	42				
19	7	8	19	7	49	19	9	18	19	9	48				
20	8	9	20	8	53	20	10	20	20	10	53				
21	9	18	21	9	57	21	11	28	21	11	35				
22	10	27	22	10	3	22	12	36	22	12	4				
23	11	37	23	11	6	23	1	6	23	1	37				
24	0	4	24	0	37	24	2	9	24	2	35				
25	1	1	25	1	34	25	3	2	25	3	23				
26	1	55	26	2	32	26	3	44	26	4	4				
27	2	45	27	3	15	27	4	24	27	4	45				
28	3	24	28	3	55	28	5	6	28	5	27				
29	4	1	29	4	41	29	5	48	29	6	12				
30	4	44	30	5	27	30	6	36	30	7	0				
31			31	6	22	31			31	7	13				

Subtract.

h. m.

For Leigh, Mass, and Gouries Gut	—	—	—	—	—	0	5
Graveend, Rochester, and Rammekins	—	—	—	—	—	1	20
Buoy of the Nore and Flushing	—	—	—	—	—	1	30
Portsmouth, Ostend, Shoe-Beacon, and Red-Sand	—	—	—	—	—	2	0
Harwich, Dover, Spithead, and Calais	—	—	—	—	—	3	0
Gunfleet, Hastings, Shoreham, Orfordness, and Diep	—	—	—	—	—	4	0
Yarmouth Pier and Needle	—	—	—	—	—	4	40
St. Helen's and Havre-de-Grace	—	—	—	—	—	5	30

**A Table of the Sun's semi-diurnal Arches, or Times of his  
visible half Tarrance above the Horizon. White.**

The Sun's Declination North.

Degr.	Lat. 49		Lat. 50		Lat. 51		Lat. 52		Lat. 53		Lat. 54	
	h.	m.	h.	m.	h.	m.	h.	m.	h.	m.	h.	m.
0	6	4	6	4	6	4	6	4	6	4	6	4
1	6	8	6	8	6	8	6	9	6	9	6	9
2	6	12	6	13	6	13	6	14	6	14	6	15
3	6	17	6	18	6	18	6	19	6	19	6	23
4	6	22	6	22	6	22	6	24	6	25	6	25
5	6	26	6	27	6	27	6	29	6	30	6	31
6	6	31	6	32	6	33	6	34	6	36	6	37
7	6	36	6	37	6	38	6	40	6	41	6	43
8	6	41	6	42	6	43	6	45	6	47	6	48
9	6	45	6	47	6	48	6	50	6	52	6	54
10	6	50	6	52	6	54	6	56	6	58	7	0
11	6	55	6	57	6	59	7	1	7	3	7	6
12	7	0	7	2	7	4	7	7	7	9	7	12
13	7	5	7	7	7	10	7	12	7	15	7	18
14	7	10	7	13	7	15	7	18	7	21	7	24
15	7	15	7	18	7	21	7	24	7	27	7	31
16	7	21	7	24	7	27	7	30	7	33	7	37
17	7	26	7	29	7	33	7	36	7	40	7	44
18	7	31	7	35	7	38	7	42	7	46	7	51
19	7	37	7	41	7	45	7	49	7	53	7	58
20	7	43	7	47	7	51	7	55	8	0	8	5
21	7	49	7	53	7	57	8	2	8	7	8	12
22	7	55	7	59	8	4	8	9	8	14	8	20
23	8	1	8	6	8	11	8	16	8	22	8	28
24	8	7	8	12	8	18	8	24	8	30	8	36

By these Tables the Times of the Sun's Rising and Setting may be found, in any Part of the Kingdom of Great-Britain or Ireland, after the following Manner: Where the Latitude of the Place is known, take the Sun's Declination out of the Table, on the Ncon of the Day you desire to know the Time of his Rising and Setting; and with it, according as it is either North or South, enter these Tables in the  
Left

A Table of the Sun's semi-diurnal Arches, or Times of his visible half Tarriance above the Horizon. White.

The Sun's Declination South.

Degr.	Lat. 49		Lat. 50		Lat. 51		Lat. 52		Lat. 53		Lat. 54	
	h.	m.	h.	m.	h.	m.	h.	m.	h.	m.	h.	m.
0	6	4	6	4	6	4	6	4	6	4	6	4
1	5	59	5	59	5	58	5	58	5	58	5	58
2	5	54	5	54	5	53	5	53	5	53	5	53
3	5	49	5	49	5	49	5	48	5	48	5	47
4	5	45	5	44	5	44	5	43	5	42	5	42
5	5	40	5	39	5	39	5	38	5	37	5	36
6	5	35	5	35	5	34	5	33	5	31	5	30
7	5	31	5	30	5	29	5	27	5	26	5	25
8	5	26	5	25	5	23	5	22	5	21	5	19
9	5	21	5	20	5	18	5	17	5	16	5	13
10	5	17	5	15	5	13	5	11	5	10	5	8
11	5	12	5	10	5	8	5	6	5	4	5	2
12	5	7	5	5	5	3	5	0	4	58	4	56
13	5	2	5	0	4	57	4	55	4	52	4	50
14	4	57	4	54	4	52	4	49	4	47	4	44
15	4	52	4	49	4	46	4	44	4	41	4	37
16	4	46	4	45	4	41	4	38	4	34	4	31
17	4	41	4	38	4	35	4	32	4	28	4	23
18	4	36	4	33	4	29	4	26	4	22	4	18
19	4	30	4	27	4	23	4	19	4	15	4	11
20	4	25	4	21	4	17	4	13	4	9	4	4
21	4	19	4	15	4	11	4	6	4	2	3	57
22	4	13	4	9	4	4	4	0	3	55	3	50
23	4	7	4	3	3	58	3	53	3	47	3	42
24	4	1	3	56	3	51	3	46	3	40	3	34

Left-hand Column, under the Word Degrees; then look the Latitude of the Place in the Top of the Table; and in that Column, against the Sun's Declination, will be found the Time of his visible half Tarriance above the Horizon, or Time of his Setting; correct by Refraction; then subtract the Time of his Setting from 12 Hours, the Remainder will be the Time of his Rising; double the Time of his Setting the

able of the Sun's semi-diurnal Arches, or Times of his  
visible half Tarriance above the Horizon. White.

The Sun's Declination North.

Lat. 55		Lat. 56		Lat. 57		Lat. 58		Lat. 59		Lat. 60	
h.	m.	h.	m.	h.	m.	h.	m.	h.	m.	h.	m.
6	4	6	4	6	4	6	4	6	4	6	4
6	9	6	10	6	10	6	10	6	11	6	11
6	15	6	16	6	16	6	17	6	17	6	18
6	21	6	22	6	22	6	23	6	24	6	25
6	27	6	28	6	29	6	30	6	31	6	32
6	32	6	34	6	35	6	36	6	38	6	39
6	38	6	40	6	41	6	43	6	44	6	46
6	44	6	46	6	48	6	49	6	51	6	53
6	50	6	52	6	54	6	56	6	58	7	1
6	56	6	58	7	1	7	3	7	5	7	8
7	2	7	5	7	7	7	10	7	13	7	16
7	8	7	10	7	14	7	17	7	20	7	23
7	15	7	18	7	21	7	24	7	27	7	31
7	21	7	24	7	28	7	31	7	35	7	39
7	28	7	31	7	35	7	39	7	43	7	47
7	34	7	39	7	43	7	46	7	51	7	56
7	41	7	45	7	49	7	54	7	59	8	4
7	48	7	52	7	57	8	1	8	7	8	13
7	55	8	0	8	5	8	10	8	16	8	22
8	2	8	7	8	13	8	19	8	25	8	32
8	10	8	15	8	21	8	28	8	35	8	44
8	18	8	24	8	30	8	37	8	45	8	59
8	26	8	32	8	39	8	47	8	55	9	2
8	34	8	41	8	49	8	57	9	6	9	13
8	43	8	51	8	59	9	8	9	18	9	29

um will be the Length of the Day; and double the Time  
s. Rising, the Sum will be the Length of the Night.  
f the Latitude of the Place; and Declination of the Sun,  
f of Degrees and Minutes, then a small Allowance must  
ade for the Minutes in both Cases, which may be done  
Person of an ordinary Capacity by a mental Proportion  
Thus, to find the Time of the Sun's Rising and Setting  
at

A Table of the Sun's semi-diurnal Arches, or Times of the visible half Tarriance above the Horizon. White.

The Sun's Declination South.

Degr.	Lat. 55		Lat. 56		Lat. 57		Lat. 58		Lat. 59		Lat. 60	
	h.	m.	h.	m.	h.	m.	h.	m.	h.	m.	h.	m.
0	6	4	6	4	6	4	6	4	6	4	6	
1	5	58	5	58	5	58	5	58	5	57	5	5
2	5	52	5	52	5	52	5	51	5	51	5	5
3	5	47	5	46	5	45	5	45	5	44	5	4
4	5	41	5	40	5	39	5	38	5	37	5	3
5	5	35	5	34	5	33	5	32	5	31	5	2
6	5	29	5	28	5	27	5	25	5	24	5	2
7	5	23	5	22	5	20	5	19	5	17	5	1
8	5	17	5	16	5	14	5	12	5	10	5	
9	5	12	5	10	5	8	5	5	5	3	5	
10	5	5	5	3	5	1	4	59	4	56	4	5
11	4	59	4	57	4	54	4	52	4	49	4	4
12	4	53	4	51	4	48	4	45	4	42	4	3
13	4	47	4	44	4	41	4	38	4	34	4	3
14	4	41	4	37	4	34	4	30	4	27	4	2
15	4	34	4	31	4	27	4	23	4	19	4	1
16	4	27	4	24	4	20	4	15	4	11	4	
17	4	21	4	17	4	12	4	8	4	3	3	5
18	4	14	4	9	4	5	4	0	3	54	3	4
19	4	7	4	2	3	56	3	51	3	45	3	3
20	3	59	3	54	3	49	3	43	3	36	3	2
21	3	52	3	46	3	40	3	34	3	27	3	1
22	3	44	3	38	3	31	3	24	3	17	3	
23	3	36	3	29	3	23	3	15	3	6	2	5
24	3	27	3	20	3	13	3	5	2	55	2	4

at *Aberdeen* in *Scotland*, on the *Longest Day*. the Latitude of that Place accounted 57 Deg. 7 Min. North, and the Sun's Declination 23 Deg. 1 Min. likewise North. By these you will find by the Table, that 4 Min. of the Sun's Declination, and 1 Min. for the Latitude of the Place, are both to be added to 8 Hours 50 Min. the Time belonging to 57 Deg. of Latitude and 23 Deg. of North Declination, and the Sum will be 8 Hours 55 Min. the Time of his apparent Setting at *Aberdeen*, on the longest Day, whose Complement to 12 Hours, viz. 3 Hours 5 Min. will be the Time of his Rising, &c.

A Table of the Sun's right Ascension in Time, exactly calculated according to the greatest Obliquity of the Ecliptic 23deg. 29m.

Days.	♈			♉			♊			♋			♌			♍		
	h.	m.	s.	h.	m.	s.	h.	m.	s.	h.	m.	s.	h.	m.	s.	h.	m.	s.
0	0	0	0	1	51	37	3	51	14	6	0	0	8	8	46	10	8	23
1	0	3	40	1	55	26	3	55	25	6	4	22	8	12	55	10	12	12
2	0	7	20	1	59	16	3	59	3	6	8	47	8	17	4	10	16	1
3	0	11	0	2	3	7	4	3	47	6	13	5	8	21	12	10	19	49
4	0	14	41	2	6	58	4	7	59	6	17	26	8	25	20	10	23	36
5	0	18	21	2	10	50	4	12	12	6	21	48	8	29	26	10	27	23
6	0	22	2	2	14	43	4	16	25	6	26	9	8	33	32	10	31	9
7	0	25	42	2	18	36	4	20	40	6	30	30	8	37	38	10	34	55
8	0	29	23	2	22	30	4	24	54	6	34	51	8	41	42	10	38	40
9	0	33	4	2	26	24	4	29	9	6	39	11	8	45	46	10	42	25
10	0	36	45	2	30	20	4	33	25	6	43	32	8	49	49	10	46	10
11	0	40	26	2	34	16	4	37	41	6	47	52	8	53	52	10	49	54
12	0	44	8	2	38	12	4	41	58	6	52	12	8	57	53	10	53	37
13	0	47	49	2	42	9	4	46	16	6	56	31	9	1	54	10	57	21
14	0	51	31	2	46	8	4	50	33	7	0	50	9	5	54	11	1	4
15	0	55	14	2	50	6	4	54	57	7	5	9	9	9	54	11	4	46
16	0	58	36	2	54	6	4	59	10	7	9	27	9	13	52	11	8	29
17	1	2	39	2	58	6	5	3	29	7	13	44	9	17	51	11	12	11
18	1	6	23	3	2	7	5	7	48	7	18	2	9	21	48	11	15	52
19	1	10	6	3	6	8	5	12	8	7	22	19	9	25	44	11	19	35
20	1	13	50	3	10	11	5	16	28	7	26	35	9	29	40	11	23	15
21	1	17	35	3	14	14	5	20	49	7	30	51	9	33	36	11	26	56
22	1	21	20	3	18	18	5	25	9	7	35	6	9	37	30	11	30	37
23	1	25	5	3	22	22	5	29	30	7	39	20	9	41	24	11	34	18
24	1	28	51	3	26	28	5	33	51	7	43	35	9	45	17	11	37	58
25	1	32	37	3	30	34	5	38	12	7	47	48	9	49	10	11	41	39
26	1	36	24	3	34	40	5	42	34	7	52	1	9	53	2	11	45	19
27	1	40	11	3	38	48	5	46	55	7	56	13	9	56	53	11	49	0
28	1	43	59	3	42	56	5	51	17	8	0	25	10	0	44	11	52	40
29	1	47	48	3	47	5	5	55	38	8	4	3	10	4	34	11	56	20
30	1	51	37	3	51	14	6	0	0	8	8	46	10	8	23	12	0	0

## ADVERTISEMENT.

THE Author of this Ephemeris, desires all those who shall favour him with their Letters, especially concerning Points of Curiosity, to pay the Postage; not, their Letters will be return'd unanswered.

A Table of the Sun's right-Ascension in Time, exactly calculated according to the greatest Obliquity of the Ecliptic 23 deg. 29 min.

Degr.	♈	♉	♊	♋	♌	♍
	h. m. f.	h. m. f.	h. m. f.	h. m. f.	h. m. f.	h. m. f.
0	12 0 0	13 51 37	15 51 14	18 0 0	20 8 46	22 8 23
1	12 3 40	13 55 26	15 55 25	18 4 22	20 12 55	22 12 12
2	12 7 20	13 59 16	15 59 35	18 8 43	20 17 4	22 16 1
3	12 11 0	14 3 7	16 3 47	18 13 5	20 21 12	22 19 49
4	12 14 41	14 6 68	16 7 59	18 17 26	20 25 20	22 23 36
5	12 18 21	14 10 50	16 12 12	18 21 48	20 29 26	22 27 23
6	12 22 2	14 14 43	16 16 25	18 26 9	20 33 32	22 31 9
7	12 25 42	14 18 36	16 20 40	18 30 30	20 37 38	22 34 55
8	12 29 23	14 22 30	16 24 54	18 34 51	20 41 42	22 38 40
9	12 33 4	14 26 24	16 29 9	18 39 11	20 45 46	22 42 25
10	12 36 45	14 30 20	16 33 21	18 43 32	20 49 49	22 46 10
11	12 40 26	14 34 16	16 37 41	18 47 52	20 53 52	22 49 54
12	12 44 8	14 38 12	16 41 58	18 52 12	20 57 53	22 03 37
13	12 47 49	14 42 9	16 46 16	18 56 31	21 1 54	22 57 21
14	12 51 31	14 46 8	16 50 33	19 0 50	21 5 54	23 1 4
15	12 55 14	14 50 6	16 54 51	19 5 9	21 9 54	23 4 46
16	12 58 56	14 54 6	16 59 10	19 9 27	21 13 52	23 8 29
17	13 2 39	14 58 6	17 3 29	19 13 44	21 17 51	23 12 11
18	13 6 23	15 2 7	17 7 48	19 18 2	21 21 48	23 15 50
19	13 10 6	15 6 8	17 12 8	19 22 19	21 25 44	23 19 34
20	13 13 50	15 10 1	17 16 28	19 26 35	21 29 40	23 23 15
21	13 17 35	15 14 14	17 20 49	19 30 51	21 33 36	23 26 56
22	13 21 20	15 18 18	17 25 9	19 35 6	21 37 30	23 30 37
23	13 25 5	15 22 22	17 29 30	19 39 20	21 41 24	23 34 18
24	13 28 51	15 26 28	17 33 51	19 43 35	21 45 17	23 37 58
25	13 32 37	15 30 34	17 38 12	19 47 48	21 49 10	23 41 39
26	13 36 24	15 34 40	17 42 34	19 52 1	21 53 2	23 45 19
27	13 40 11	15 38 48	17 46 55	19 56 13	21 56 53	23 49 0
28	13 43 59	15 42 56	17 51 17	20 0 25	22 0 47	23 52 40
29	13 47 48	15 47	17 55 38	20 4 35	22 4 34	23 56 20
30	13 51 37	15 51 14	18 0 0	20 8 46	22 8 23	24 0 0

## The Use of the Table of the fixed Stars, and of the Sun's right Ascension in Time.

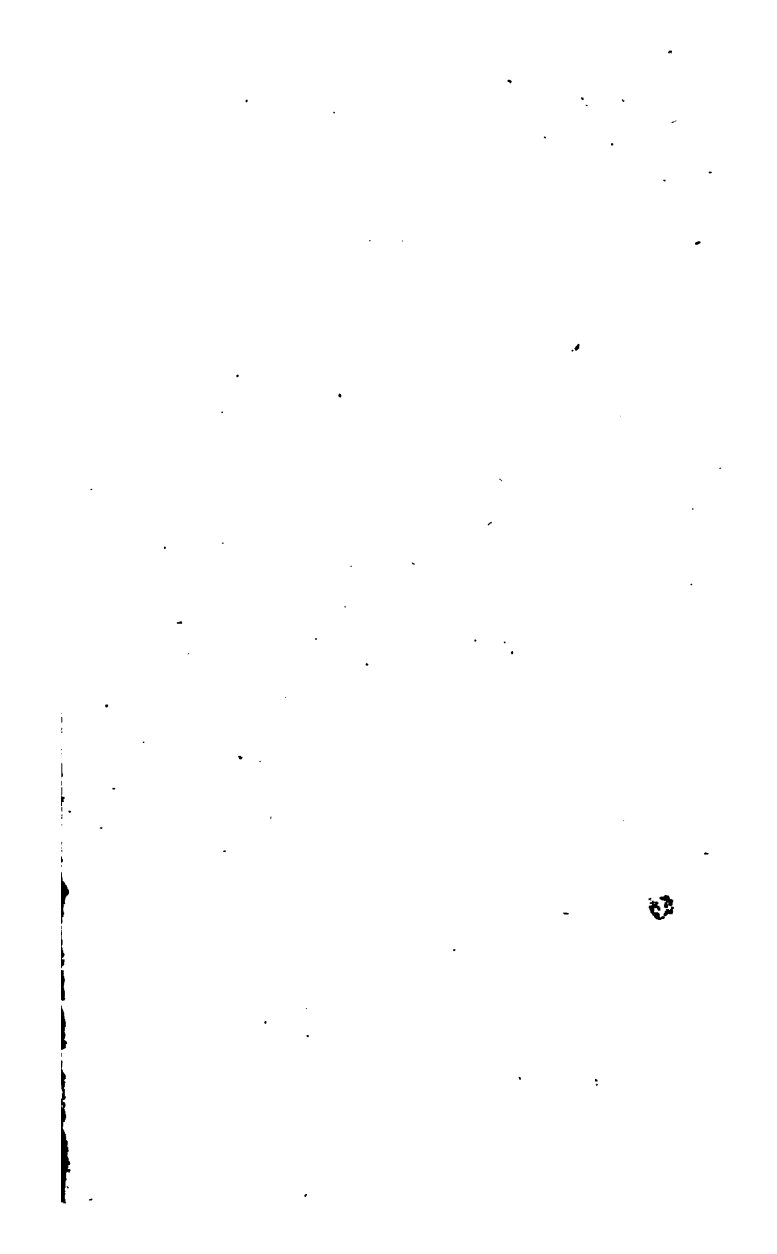
**T**HE Time of the Southing or Meridian Transits of the tabulated fixed Stars may be very exactly found after this Manner;

On the Noon of the Day, preceding the Night, in which you desire to know the Time of the Southing of any of these Stars, find by the EPHEMERIS the Sun's Place, and with it take out of the Table his right Ascension in Time. This you may do to a Minute by Inspection; which will be sufficient for your present Purpose: Then from the right Ascension of the Star, as it is placed in the Table, subtract the right Ascension of the Sun, the Remainder will be the estimate Time of the Stars Southing, and will not differ from the true Time above two or three Minutes at farthest, which may be near enough for ordinary Uses: But if Exactness is required, then reduce the Sun's Place to this estimate Time, and take out of the Table his right Ascension in Hours, Minutes and Seconds, and Subtract it from that of the Star, the remaining Numbers will show the true Time of the Star's Culmination or Southing. And if from the Time of the Stars Southing you subtract the semi-diurnal Arch belonging to it; the Remainder will be the Time of the Star's visible Rising; and being added to it, the Sum will be the Time of its visible Setting.

### EXAMPLE of the LION'S HEART, March 15th.

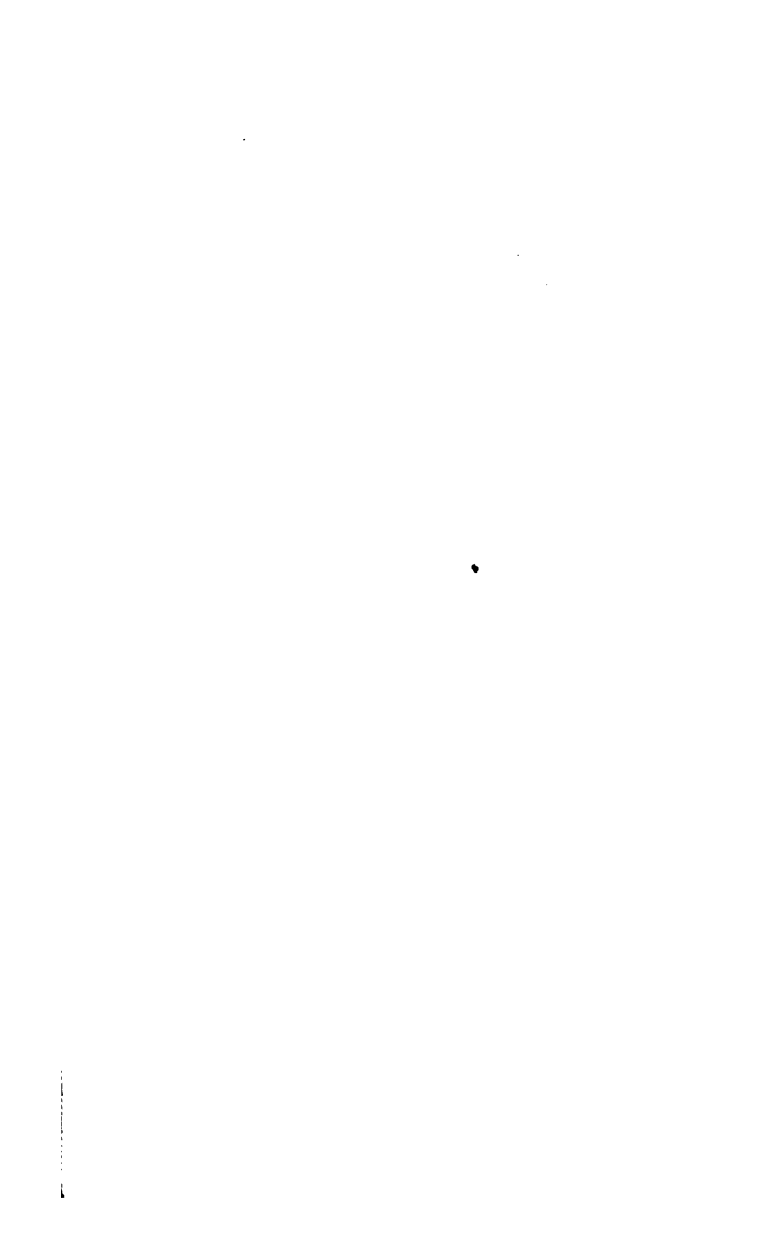
	d.	m.
Place of the Sun at Noon — — — — —	36	25 27
Right Ascension of the Lion's Heart 24 hours added — —	33	56 0
Right Ascension of the Sun subtract — — — — —	23	43 28
Estimate Time of the Star's Southing — — — — —	10	12 42
Right Ascension of the Sun at that Time subtract — —	23	44 53
True Time of the Star's Southing — — — — —	10	11 7
Semi-diurnal Arch subtract and add — — — — —	7	11 56
True Time of the Star's Visible Rising Aftern. — — —	2	59 13
True Time of the Star's visible Setting next Morning. —	5	23 1



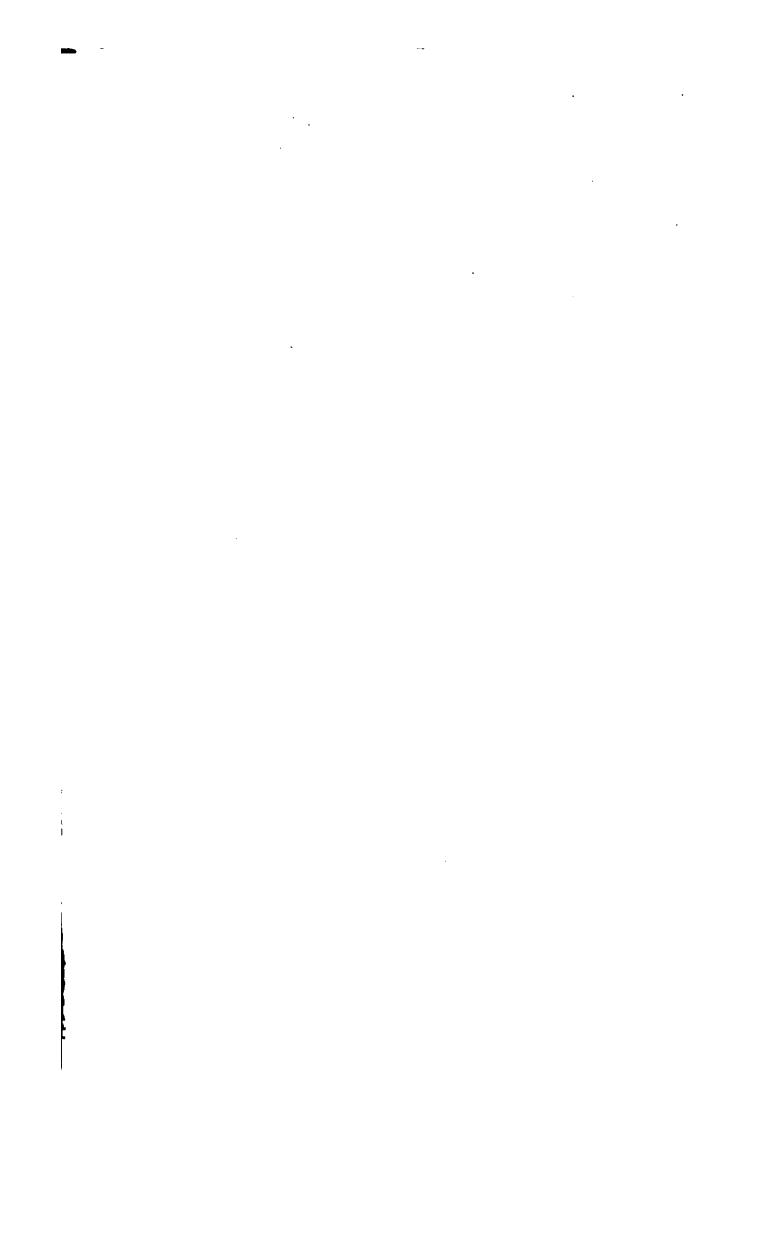


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